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```
==========================================================
From: CHICAGO,IL, USA/O'HARE                Departs TUE-15 NOVEMBER, 1988
  To: SAN FRANCISCO; OAKLAND, CA, USA
 #    Departs      Arrives       Flight   Equip  Meals  Stops  On-time  Travel Time
      No earlier direct flight service
 1    754A ORD     955A  SFO     UA 473    727     B      0       0       2:01
 2    800A ORD    1014A  SFO     UA 127    767     B      0       8       2:14
 3*   845A ORD    1119A  OAK     AA 483    72S     L      1       N       2:34
 4*   850A ORD     226P  SFO     AA 265    D10    B/S     2       V       4:36
 5   1000A ORD    1220P  SFO     UA 123    D10    L/S     0       U       2:20
 6   1004P ORD     145A+1 OAK     UA 1113   72S     L      0       1       2:41
      *Thomas Cook ticketing only for Electronic Edition bookings on this flight
==========================================================

PLEASE ENTER A COMMAND:
+ = later flights          F# =fares offered          ?=HELP
- = earlier flights        A# =seats/fares available  X#=expand flight (# = line no.)
0 = original display       B# =book itinerary         RS=return schedules
                                                      CX=connections
```

```
==========================================================
Fares for UA 988 ORD/MIA                    Departs: TUE-20 SEP
----------------------------------------------------------
Fares: US Dollars                                  Fare Restriction Summary:
 #    One-way     Rnd-trp    Seats  Farecode  Cancel Penalty  Advance Purchase  Min. Stay  Other
      No lower fares
 1    159.00                 Yes    HOA7      -               7 day             -          *
 2    179.00                 Yes    HOA7      -               7 day             -          *
 3    244.00                 Yes    M         -               -                 -          *
 4    264.00                 Yes    M         -               -                 -          *
 5    279.00                 Yes    BA3       -               3 day             -          *
 6    299.00                 Yes    BA3       -               3 day             -          *
 7    345.00                 Yes    Y9        -               -                 -          *
 8    365.00                 Yes    Y9        -               -                 -          *
                                                             *Additional Restrictions Apply
==========================================================

PLEASE ENTER A COMMAND:                                    ? = HELP
+ = higher fares          X# = expand fare                 B# = book itinerary
                          L# = view fare restrictions      (# = line number)
                           S = schedules
```

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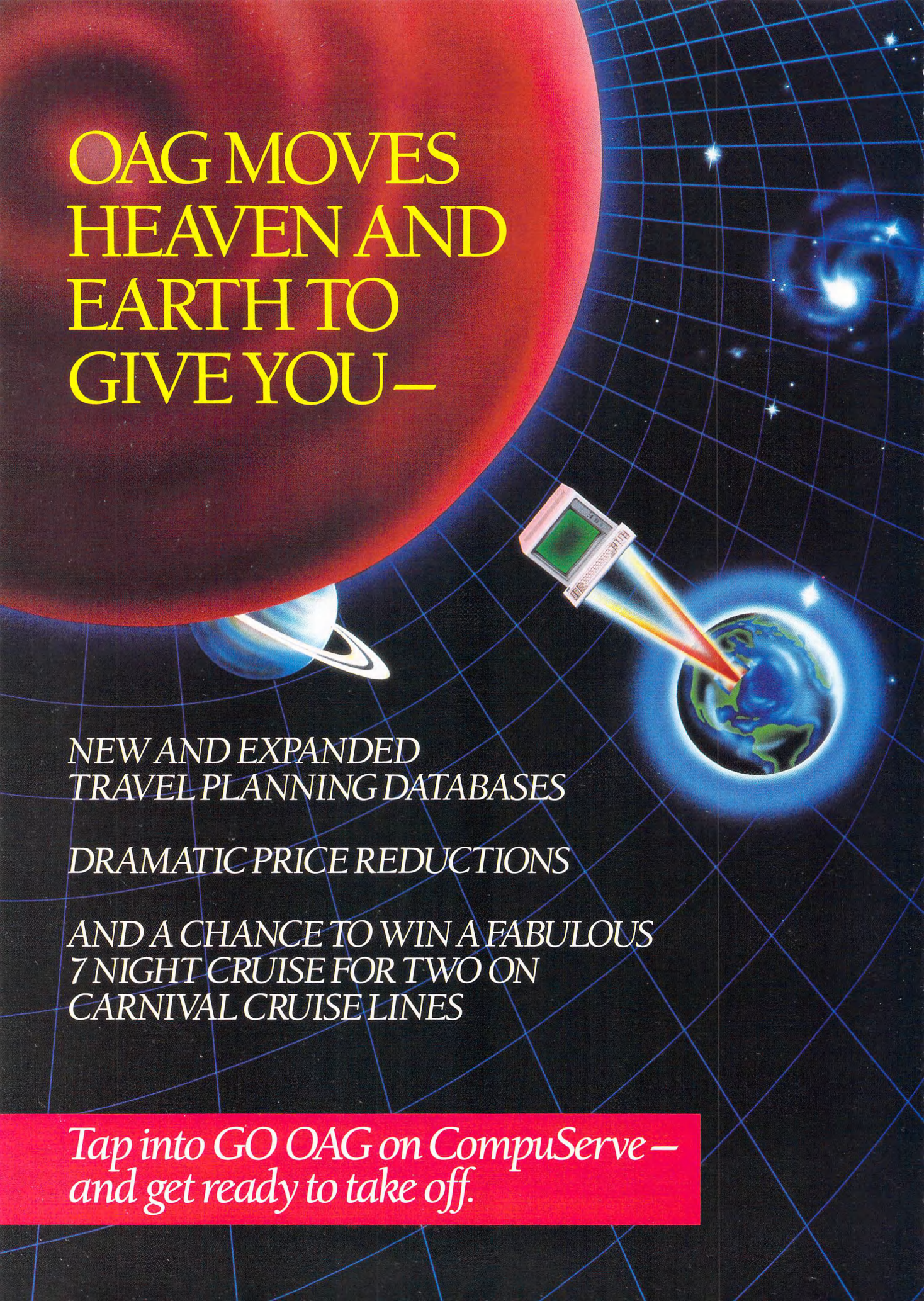

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NO PURCHASE NECESSARY

1. The contest prize is a 7 night double occupancy cruise on Carnival Cruise Lines Superliners, including round trip coach air transportation to Miami on United Airlines for two persons originating from any city serviced by direct United Airlines flights within the Continental U.S.

2. To qualify for the prize, on CompuServe, access via any of the databases on the OAG Electronic Edition Travel Service main menu, or access the OAG Electronic Edition and view a flight availability screen through December 31, 1988. Your subscriber ID will automatically be entered in the random drawing once for each database and flight availability screen you access within a session with a maximum of 5 entries per person or, type or neatly hand print your name, address, phone number (including area code) and your CompuServe ID on a 3½" x 5" post card. Entries must be received by December 31, 1988. Winner will be chosen in a random drawing conducted by A. C. Nielsen on or about December 31, 1988. Odds of winning depend on number of entries received.

3. All post card entries must be mailed separately with the appropriate postage affixed to: Official Airline Guides, CompuServe, c/o Electronic Sales, 2000 Clearwater Drive, Oak Brook, IL 60521. OAG is not responsible for lost, late, misdirected, postage due or destroyed mail.

4. Cruise departure dates, subject to availability, will be offered only in the off season defined as April 1 - June 15 and September 10 - December 15 and will not be available during holiday periods including Thanksgiving or Easter. Retail value of the Carnival Cruise package based on double occupancy is $3,200 and air transportation for two passengers on United Airlines is not to exceed $800. Air Travel must be in conjunction with the Carnival Cruise and originate nearest the prize winner's city of residence. Stopovers are not permitted. Travel must conclude by December 1, 1989. Ground transport and overnight lodging enroute will be at the sole expense of the winner. Taxes on the prize are the sole responsibility of the winner. The Prize is transferable at winner's request. No substitution or cash equivalent of prize permitted.

5. Contest is open to any U.S. resident who is 18 years of age or older at time of entry. Decision of the judge is final. Employees of OAG, CompuServe, their affiliates, subsidiaries, and families of each are not eligible. All federal, state and local laws and regulations apply. Void where prohibited.

6. Prize winner may be required to execute an affidavit of eligibility and release within 15 days of notification. Non compliance within this time period will result in disqualification. In the event of disqualification, an alternate winner will be selected. By acceptance of their prize, the winner consents to use their name and/or likeness for purposes of advertising and trade or any other media by the sponsor without additional compensation.

7. For the name of the prize winner, send a stamped, self-addressed envelope to Official Airline Guides (see address in rule 3).

oag ELECTRONIC EDITION® TRAVEL SERVICE

GO OLI for more information.

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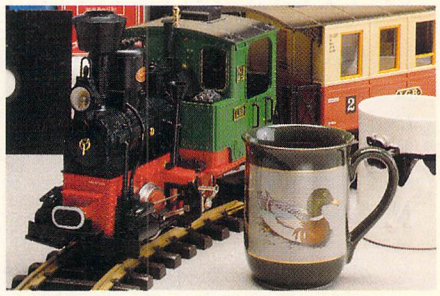
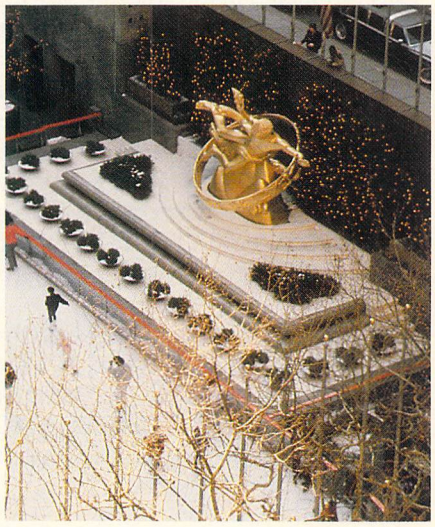


COVER STORY

Select from a myriad of merchandise and wrap up shopping in short order at The Electronic Mall—page 50



TRAVEL

Be a part of it...New York. The Big Apple shimmers with seasonal sights and sounds—page 58

Too Hot to Print

Catch computer industry news as it happens, keep up with online events, read special reports, commentary and more product reviews. You'll find it only in *Online Today Daily Edition*, a daily-updated newspaper full of information that's too hot to print. GO OLT.

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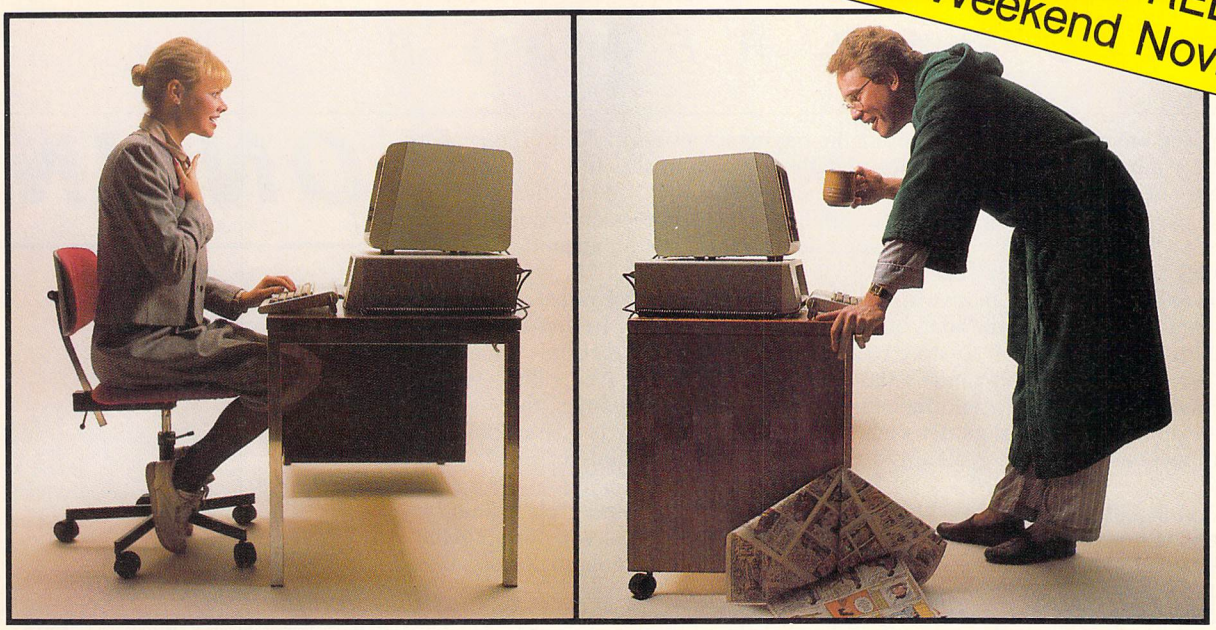

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DEAR READER

Shopping online can take a lot out of the buying experience. No traffic jams or hunting for a parking spot. No gaggles of valley girls on mall patrol. No panhandlers. No one with an adenoid problem repeatedly shouting, "domestics, line four please!" over the PA system. No scatterbrained salespeople or obnoxious perfume vendors lurking in cosmetics. No flashing blue light specials on mismatched rubber thongs and purple underwear.

What online shopping can give you is time, convenience and value. An online retailer can give you back the time otherwise spent on fighting traffic, waiting in lines and hoofing from store to store to find what you need. Electronic shopping offers true convenience—24 hours a day from home or office. And value. An online mall doesn't have the enormous overhead tied up in buildings, three-story fountains and tropical plant gardens under glass—the economy is passed on to you. In most cases you order directly from the manufacturer and net substantial savings.

The variety of merchandise will amaze you. Unlike some other "electronic" shopping methods such as cable television, online shopping lets you control what you select and when. It's nice to know that computer-based shopping offers more than gold neck chains and earrings.

This month *Online Today* takes a look at online shopping in "Mall Without Walls" beginning on page 50. You'll find most everything you need to know to get started on the shopping experience of the '90s. Also, be sure to browse through this month's big, 24-page Electronic Mall *Go Mall* holiday catalog in the center of the magazine. Make this your first online shopping year and stop throwing your time and money into the mall fountain!

* * *

CompuServe customer service representatives get a lot of questions about setting "defaults"—defining the way your computer interfaces with CompuServe. Important details such as character width display, paging and other options are all controlled from the Terminal Settings/Service Options area. Charles Bowen and David Peyton, authors of the best-selling Bantam book *How to Get the Most Out of CompuServe* examine this corner of the Information Service in the second of a series on setting terminal parameters. If you've always been a bit mystified about setting defaults, be sure to tune in to our tutorial section on page 56. Charlie and Dave take some of the mystery out of defaults and even offer a few tips for more experienced users.

Douglas G. Branstetter
Editor

ONLINE TODAY

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Volume 7 Number 11

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ADVERTISING SALES
Associate Publisher
Peter A. Scott, 5000 Arlington Centre Blvd., Columbus, OH 43220; 614/457-8600
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LETTERS

GIF Graphics Decoding

Where do I find the decoding program for the GIF files that were so interestingly described in *Online Today* (August, page 19)?

Also, on page 21 of the same issue, an article about PC MagNet states that the utilities are not the same as the *PC Magazine* utilities "found on the main menu." Which main menu are you referring to?

Kris Parnicky
Detroit, Mich.

Editor's Note: The GIF decoding programs are available in the Picture Support Forum (GO PICS), Library 1. From there, you can search by computer brand for the correct GIF viewer programs.

In the article about PC MagNet, the writer was referring to PC MagNet's main menu—what you see when you type GO PCMAG.

Tandy/Radio Shack Model 102

Wilton Sturges (August Letters, page 5) must be unaware of the large group of Model 102 users and the tasks they use their machines for. Other than the Toshiba 1000, the Model 102 is just about the only "laptop" that can be thrown into a briefcase. The Traveling Software catalog, for example, explains many simple ways to expand the Model 102's memory (if necessary) and to link the 102 to Macintosh and MS-DOS computers. I use Traveling Software's MAC DOS II package to transfer files between my Macintosh and the Model 102 at 9600 baud. I can even connect the Macintosh directly to the Tandy portable disk drive.

If you must work with massive spreadsheets on the go, the Model 102 is not the best choice. However, if you want a simple, manageable, less-expensive electronic notebook that easily hooks up for file transfer to any computer, then get a Model 102. For more information, go to the Model 100/Portables Forum on the CompuServe Information Service (GO M100SIG).

Monte Midkiff
Seattle, Wash.

Messages for Elected Officials

This letter refers to the article "Let Congress Know What You Think" (June issue, page 22). CompuServe has made it easy to send mail to members of Congress. Why shouldn't CompuServe subscribers also have access to the President through EasyPlex? Please add the address for that office to the EasyPlex menu.

Don Hinkle
Green Village, N.J.

Ticker Input File

I recently tried to set up a ticker input file as suggested by the article "Ticker Input File Saves Users Time, Money" (Sept. issue, page 47). I had no trouble with the instructions in the first half of the article and quickly set up a STOCK.DAT file and received stock quotes into that file. However, when I followed instructions in the second column of the article, I received an on-screen message: "Illegal character in file." The instructions were to "within EDIT, type /T and then /OUTPUT=STOCK.PRN."

I would appreciate it if you would print the corrected instructions on how to create .PRN files so that they can be downloaded into Lotus software.

Inge Weidmann
San Francisco, Calif.

Editor's Note: After typing EDIT at the MquoteII! prompt, you will see a filename prompt. Type any name you want the file to be called (for example, INGE.DAT) and press the Return key. You will see an on-screen message "New file INGE.DAT created—ready." Then, type /OUTPUT=STOCK.PRN and press Return again. You can then type in ticker symbols (or just enter them later at the Issue prompt of any pricing or quotes program). Finally, type /T, press Return, type /EX and press Return (to go to the top of your file and exit). You'll again see the MquoteII! prompt. From there, you may type DIR (for directory) and check to see that your filename is listed.

When you're using a pricing or quotes program, you can use the file you've set up. At the Issue prompt, type @INGE.DAT.

For more information on how to set up and use ticker input files, type GO TICFIL for online instructions.

Talk to Us

Online Today Daily Edition has a Feedback area for letters to the editor. Simply type GO OLT-33 from any prompt in the CompuServe Information Service.

ONLINE TODAY

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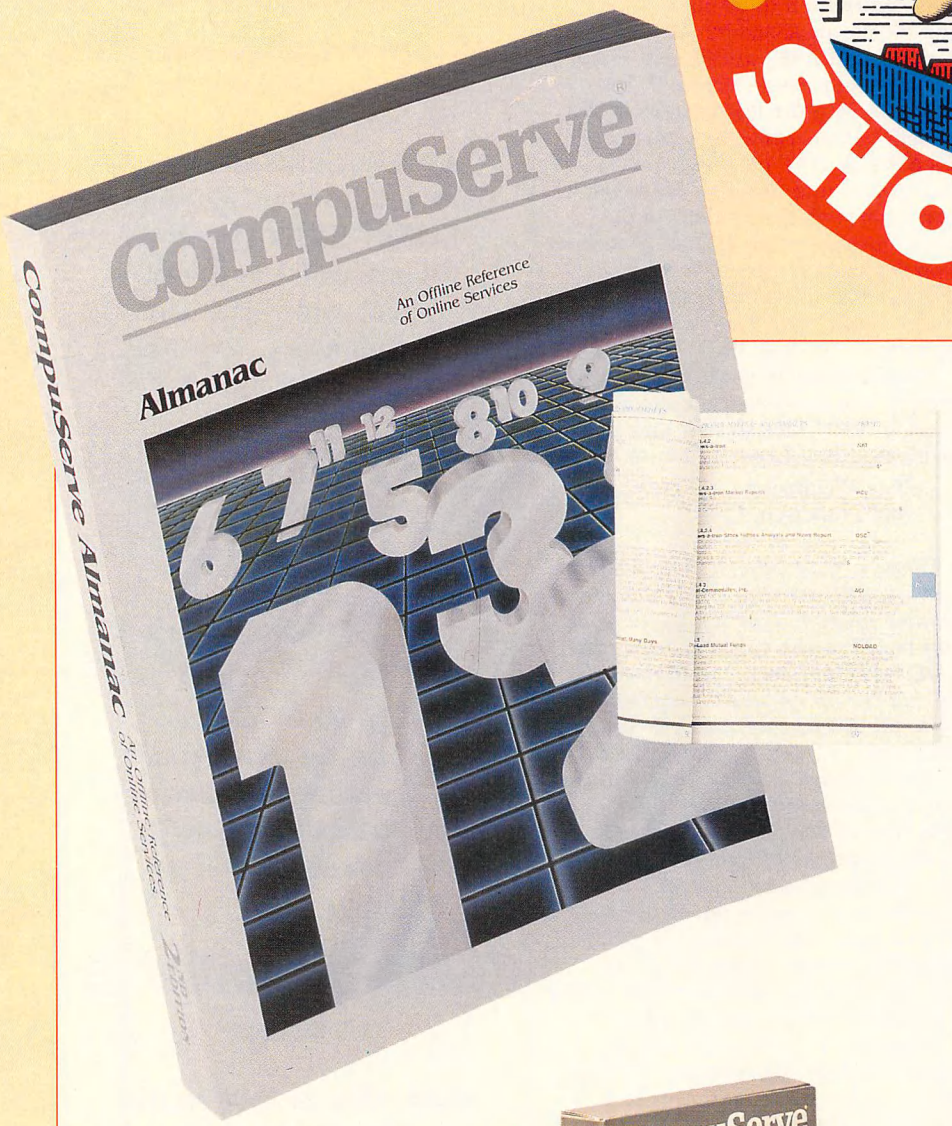
The fall Fingershopping sale runs from October 1, 1988 through November 30, 1988.



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There are hundreds of offerings on the CompuServe Information Service you may have never visited. Use the CompuServe Almanac (Fourth Edition) to get acquainted with those unfamiliar areas without visiting them individually online. More than 300 pages are loaded with helpful features, presenting products in "workbook" style to help you research and recall key destinations. It's certain to pay for itself in connect time savings.

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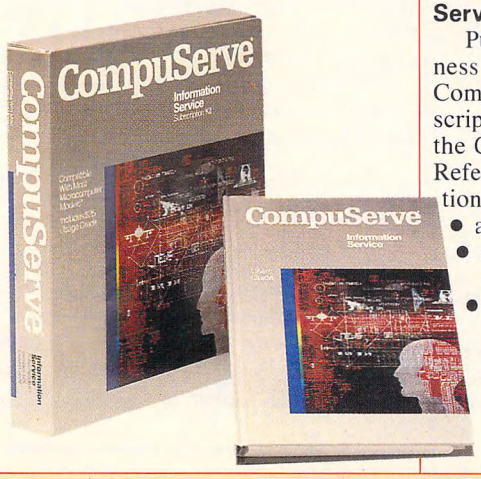

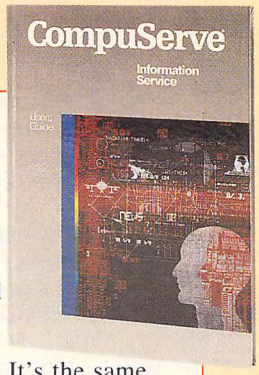

CompuServe Users Guide
(new 5/88 version)

The recently updated version of this guide is highly recommended for subscribers who've come online through a CompuServe IntroPak. It's the same guide that comes with the Information Service Subscription Kit.

The guide covers: EasyPlex® electronic mail; the Executive News Service; the National Bulletin Board; Citizen's Band Simulator; special interest forums; information transfers; travel services; financial services; electronic shopping; interactive games; and more.

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$3.95

MegaWars I Package

Real-life accessories for the fantasy gamer. This package includes a MegaWars Briefing Guide in a three-ring binder, along with a series of five MegaWars spacecraft blueprints and a galaxy map to enhance your Megawars I play.

Reg. $16.95 **Save** $2.00 **$14.95**

CompuServe Games Guide
(second edition)

This manual of the CompuServe game universe offers descriptions of all game offerings, rules, playing suggestions and a section on getting the most out of the Gamers' Forum. Guide comes in a sturdy vinyl binder.

Reg. $17.95 **Save** $2.50 **$14.95**

New CompuServe Financial Services Users Guide

This all new guide is an exhaustive analysis of all the financial services offered on CompuServe. It explains each service in-depth and how to use it with maximum effectiveness. Ideal for new or veteran investors. A classic case of minimal investment, high return.

Reg. $13.95 **Introductory price** **$9.95**

Personal File Area Guide

All subscribers receive 128K of storage in a Personal File Area and this Personal File Area Guide explains how to use it to its utmost potential. File management programs, text editors, storage techniques, EasyPlex shortcuts and more are discussed in the guide. It includes: ICS, Terminal Parameter and EDIT Reference Cards. (Binder not included.)

Reg. $10.95 **Save** $3.45 **$7.50**

Professional Connection™ Version 3

This powerful software package for the IBM PC, XT, AT and most compatibles has all the features of VIDTEX plus more. Professional Connection Version 3 illustrates colorful financial charts, pictures and weather maps with CompuServe's new GIF protocol, NAPLPS and RLE graphics. It also dials the phone, completes your connection and takes you where you want to go online—with just a few simple key strokes. Professional Connection Version 3 includes all of the following and more:

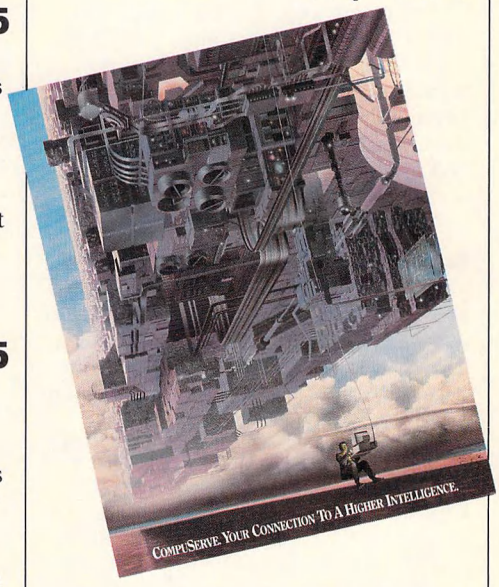
- latest version of CompuServe's B protocol for even faster downloads
- 110-9600 baud support
- Remote Job Script Command Language
- terminal settings directory
- custom menus
- menu or command driven

$49.95

New Higher Intelligence Poster

Original artwork produced exclusively for CompuServe. A detailed rendering of the "higher intelligence" image. A colorful and mind-boggling piece of art that will enhance any office or den. Poster is 18½" x 24".

Only $1.00



CompuServe Three-ring Binders with Logo

1½" spine, for 8½" x 11" pages (white with grey print; vinyl) **$2.95**

2" spine, for 8½" x 11" pages (white with grey print; vinyl) **$3.50**

1" spine for 5½" x 8½" pages (white with grey print; vinyl) **$2.50**

CompuServe Information Service System Configuration Wall Chart

This 35" x 33" poster (5/88 version) depicts all screens appearing on the Top Menu and all screens accessible from those initial choices. Extremely helpful for Information Service navigation.

$3.95

Back Issues of *Online Today*

Online Today magazine's back issues represent an archive of incisive articles tracking the evolution and impact of computer information and communication. Use a list of feature articles from back issues, provided online, to obtain volumes missing from your set, or to select issues of interest published before you became a subscriber. (Quantities for some issues are limited.)

Reg. $2.50 **Save** $1.00 **$1.50**

BlackDragon T-Shirt

Clad yourself in stylish battle gear with this black and white BlackDragon T-shirt. A must for any true dragonslayer.

$7.95

Island of Kesmai T-Shirt

Look your very best for your next visit to the island. This Island of Kesmai T-shirt is the ideal attire for encounters with island inhabitants of all sorts.

$7.95

CompuServe Logo T-shirt

Announce your role as one of the leaders. Display your online allegiance to the nation's leading information service with this cotton/poly T-shirt silk-screened with the CompuServe logo. Available in light blue, navy blue and red.

$7.95

British Legends T-Shirt

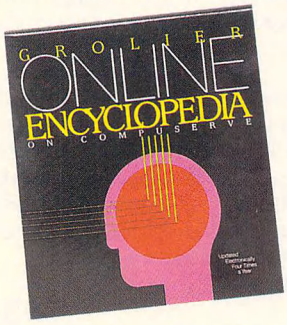
As you traverse the unfamiliar lands of British Legends, clad yourself in this attractive British Legends T-shirt. It's a great way to outwardly display your enthusiasm for this exciting role-playing game. Only available in red.

$7.95

CompuServe Gift Certificates

Give the gift of CompuServe this holiday season. Gift Certificates are available in the amount of $25 and can be applied to future online usage charges. A CompuServe Gift Certificate is a useful and unique gift for any online enthusiast.

$25.00 each (Plus $3.00 shipping & handling)



Grolier Online Encyclopedia Subscription Kit

The Grolier Academic American Online Encyclopedia is ideal for students of all ages. The Grolier Subscription Kit features a one-year renewable subscription to the Grolier Online Encyclopedia, plus a membership to CompuServe, a $15 usage credit and complete Grolier and CompuServe Users Guides.

Reg. $49.95 Save $10.00 $39.95

CompuServe Navigator Communications Software

CompuServe Navigator communications software (version 2.4) for the Macintosh lets you automate online access to the CompuServe Information Service. Specify your online destinations and tasks and CompuServe Navigator does the rest. It works more efficiently on CompuServe than any other communications software for the Macintosh, thus conserving online time. CompuServe Navigator includes all of the following and more:

- latest version of CompuServe's enhanced B protocol; 30% faster than industry standard XMODEM
- Support of GIF graphics
- Offline composition capabilities

Suggested retail $79.95

Introductory price $59.95

Look for version 3.0 coming soon.

VIDTEX Terminal Communications Software

Link-up to the CompuServe Information Service with custom CompuServe VIDTEX communications software. Whether you have an Apple™, Atari™ or Commodore™, you'll get the ideal connection with VIDTEX. (Complete information about VIDTEX compatibility requirements is available online: GO VIDTEX.) Only CompuServe gives you such a complete communications software package that includes:

- FREE software updates online
- error-free uploading and downloading
- low- and medium-resolution graphics
- automatic log-on and menu navigation
- programmable function keys
- capture buffer
- adjustable communication settings
- cursor positioning
- support of Hayes-compatible modems

VIDTEX works with the Atari 800, 800 XL, 600 XL with 64K, 1200 XL, 65 XE, 130 XE, the Apple II Family, Commodore 64, TRS-80 Model III and Color Computer.

$39.95

CompuServe Digital Desk Clock

This contemporary timepiece, mounted within a clear lucite desk stand for high visibility, is an attractive addition to any computer workstation—home or office. It prominently displays the CompuServe logo and comes with a perpetual calendar in an adjacent window.

Reg. $10.95 Save $5.45 $5.50

CompuServe Wrist Watches

These distinctively smart and incredibly accurate timepieces complement nearly any attire—business or casual. With Swiss movement and Quartz drive, each watch is guaranteed accurate within two minutes a year. Aesthetically pleasing with cut gold-finished hour indicators over a brushed satin face, displaying the attractive CompuServe logo. Plus a genuine grained ebony leather strap. Available in Men's or Women's edition.

CompuServe holiday price **$29.95**

FREE!
With qualifying purchase of $25.

CompuServe Information Service System Configuration Wall Chart

As a special incentive to place an online order during the Fingershopping Sale, any order over $25 placed between October 1 and November 30, 1988 will receive a revised (5/88 version) CompuServe Information Service System Configuration Wall Chart FREE. The chart will be included automatically in qualifying orders. There is no need to enter an order for your bonus item. Detailed descriptions and prices for all products available for Fingershopping can be found online. Enter GO ORDER at any Information Service prompt.

Non-subscribers may order by calling 800/848-8199. In Ohio or Canada call 614/457-0802.

Based on the total price of your merchandise, postage and handling is automatically calculated according to the following scale and added to your total.

Amount	Postage/handling
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$15.00 - $49.99	$3.00
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Canadian orders must add an additional $2.50 to all orders over $1.00.

International shipments

Amount	Postage/handling
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$15.00 - $7.49	$50.00
$50 and up	$17.50

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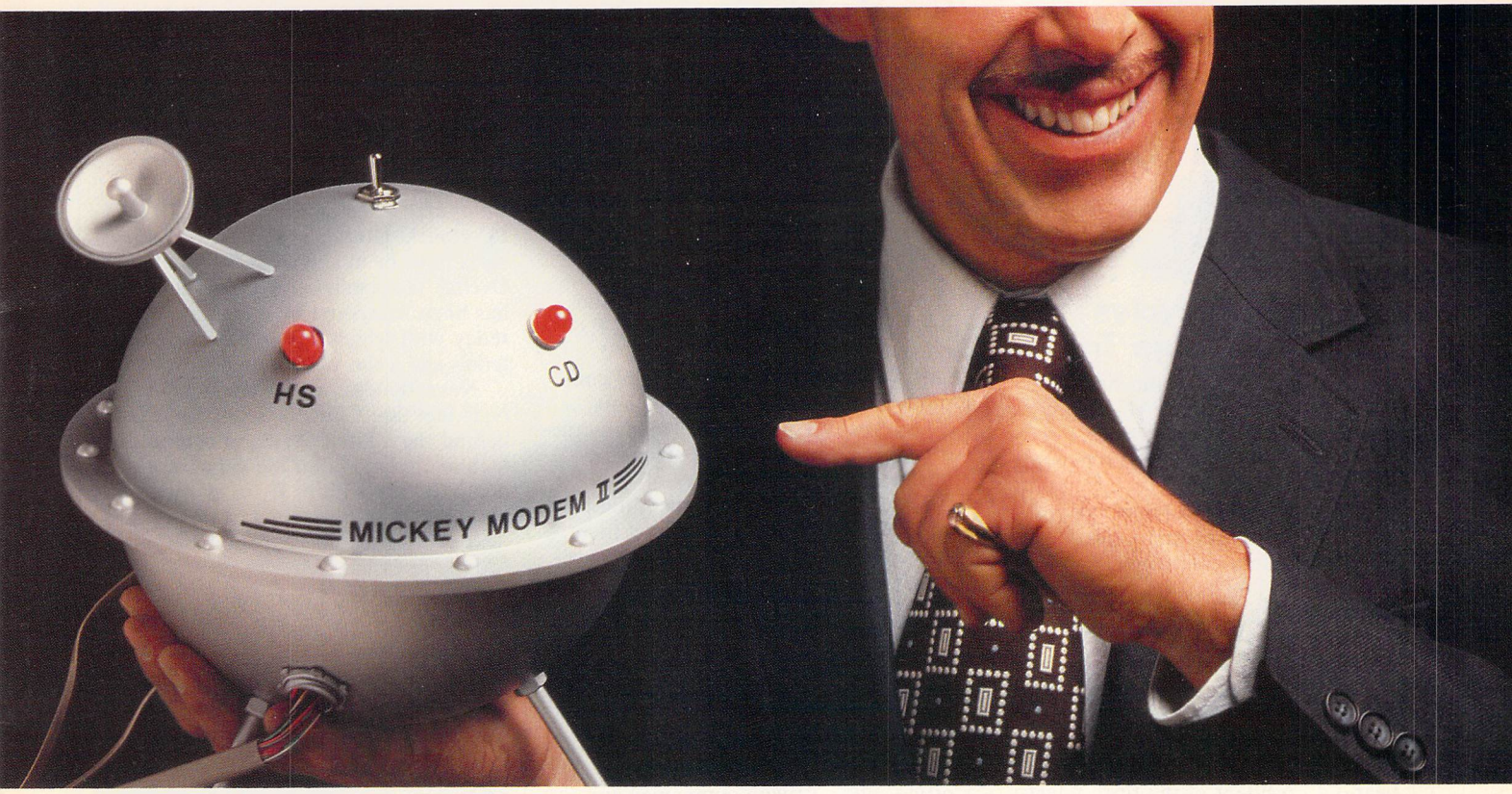
Columbus, Ohio 43220



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Will you get a modem like the Smartmodem 1200 that is tested and inspected over 20 times and offers the most comprehensive performance warranty in the business?

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Will you get a modem that has software, like the Hayes Smartcom family of software, that's specifically designed to deliver the full functionality of a Hayes modem? No way.

So if you want to save yourself a little something, don't buy a modem whose best feature is its price tag. Buy a Hayes. And save yourself a lot of aggravation.

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For your nearest Hayes Advanced Systems Dealer, call **800-635-1225**. Hayes Microcomputer Products, Inc., P.O. Box 105203, Atlanta, GA 30348.

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GO OLI for more information.

Program Recycles Laser Cartridge Trash

If getting cash for your high-tech trash sounds appealing, you might be interested in a unique program developed by Brookrock Corp. of Wilmington, Del.

Trash to Beams, a project coordinated by Brookrock and United Way, turns used toner cartridges from laser printers into jobs for the handicapped and dollars for United Way.

Brookrock remanufactures cartridges, the laser printer's version of a typewriter ribbon, rather than marketing new ones. Because collecting the cartridges is crucial to the success of the business, Brook Gillespie, the 25-year-old president of the firm, developed a creative way of securing them. For each cartridge collected in the Trash to Beams program, Brookrock makes a donation to United Way.

Those interested in participating in the program drop their spent cartridges into a prepaid postage box supplied by Brookrock. The cartridges are then sent to the Toner Cartridge Remanufacturing Center in New Castle, Del., where special address labels assure that a donation goes to United Way.

The US Census Bureau projects that 1.2 million laser printers will be in use by 1990. If only 5 percent of the US market is recycled, it will reduce cartridges going into our landfills by 96,000 each year.

Gillespie says the Trash to Beams program allows his company to provide a new and continuous source of income for United Way; to employ a trained staff of handicapped workers to carry out the actual recycling; to help protect the environment by collecting the non-biodegradable used cartridges, which are otherwise discarded as solid waste; and to keep jobs at home by replacing Japanese-made cartridges with American remanufactured ones.

For information, contact Brook Gillespie, Brookrock Corp., 2055 Limestone Rd., Wilmington, DE 19808; 302/998-4200.

—Cathryn Conroy

China Computing

Japan, Taiwan and Korea are the current leaders of Asian computer technology. But if its current modernization trend continues, China may soon join the ranks of Far East computer powers.

At the moment, China's computer statistics are puny compared to other high-tech manufacturing nations. Exports in 1987 totaled a mere 1,840 units, and China has an installed computer base of only 244,000 systems.

But many US computer manufacturers view China as a good place to do business. Apollo Computer of Chelmsford, Mass., announced that it will open a workstation factory there. Hewlett-Packard has 350 employees working in China at a facility co-owned with the Chinese government. Unisys and Intel also build computer products in China.

China is now trying to develop its own computer industry. The government recently created the Great Wall Computer Conglomerate to sell IBM PC clones, although the firm's overseas sales have been less than resounding. Overall, the country's computer industry has been hampered by a lack of currency with which to purchase raw materials and a shortage of trained workers.

Nevertheless, many industry analysts feel that China is about 10 years behind the United States in computer technology and is on the verge of a computer revolution. If so, many computers sold in the United States by the next century could bear the label "Made in China."

—John Edwards

In Triplicate, Please

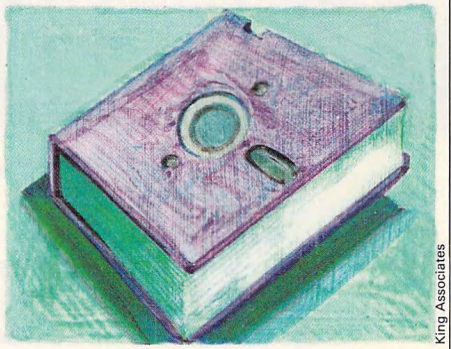
Although personal computers were supposed to usher in the paperless office, two software companies are betting that automated form-generation programs will become as popular as computer-based spreadsheets.

Claris Corp. of Mountain View, Calif., for example, has introduced SmartForm Designer and SmartForm Manager, programs for the Apple Macintosh that create and implement business forms. SmartForm Designer, which costs $395, is a drawing program with special form design features, including automatic insertion of data files or check boxes.

SmartForm Manager, which costs $195, offers customized online help for completing forms. It also performs error-checking and data validation, imports data from popular spreadsheet and database programs, and helps users search disks for a particular form.

SoftView Inc. of Camarillo, Calif., offers FormSystem, a Macintosh-based form-generation program costing $395. The company notes that Release 1 features a bundled word processor and spelling checker. Release 2, which costs $995, includes multiuser capability, security within forms, and access to data from spreadsheets and databases. Release 3, which will be available by mid-1989, will add painting and drawing.

For additional details, contact Claris Corp. at 415/960-155. SoftView Inc. can be reached at 805/388-2626. For Claris support on CompuServe, access the Apple Vendor Forum (GO APPVEN).



King Associates

Bible Teachings

A software publisher is using HyperCard, Apple's free-form database manager, to distribute Bible teachings.

HyperBible: The Computerized Chain Reference Tool indexes Bible verses into 7,000 topical categories. The software, published by Beacon Technology Inc. of San Jose, Calif., in cooperation with the B.B. Kirkbride Bible Co. Inc. of Indianapolis, works with most leading word processors.

A Beacon Technology spokesman says HyperBible is intended for use by ministers, students, teachers and laypeople. It is available through software retailers and Christian bookstores.

HyperBible, which runs on a Macintosh Plus, SE or II with at least 1MB of memory and a hard disk, costs $229.95. It is bundled with a copy of HyperCard 1.2.

For more details, contact Beacon Technology at 408/296-4884.

On CompuServe, religious issues are discussed in the Religion Forum (GO RELIGION).

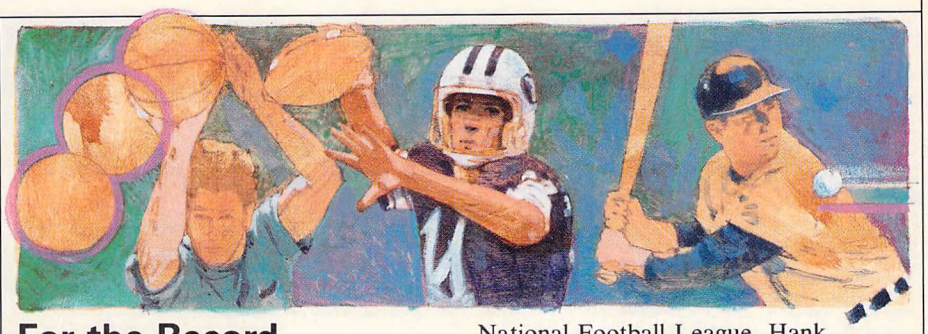
IBM Battles AIDS

IBM, in its continuing effort to fight AIDS, has donated $1.5 million worth of computer equipment to the World Heath Organization Global Program on AIDS.

The donation, which includes 78 PS/2 computers, will help link the Global Program on AIDS with its six regional offices, the 34 collaborating centers on AIDS, other United Nations agencies and various scientific institutions worldwide. The equipment also will be used by the program to create AIDS databases, as well as to help with the agency's office systems.

The Global Program on AIDS aims to prevent AIDS virus transmission, to care for AIDS virus-infected people and to unite national and international efforts against AIDS.

In the past two years, IBM has contributed nearly $2 million in both equipment and cash donations to various AIDS organizations. More information on IBM's efforts is available from the company at 800/426-3333. For more information about AIDS, type GO AIDS on CompuServe.



For the Record

Sports records are made to be broken. But which records are the hardest to break?

The most difficult single-season record to break is Babe Ruth's .847 slugging percentage, set in 1920, according to a recent computer analysis conducted by Bruce Golden and Ed Wasil, professors of management science at the University of Maryland and American University, respectively. The second most difficult-to-break record is Joe DiMaggio's 56-game hitting streak.

For a record extending more than one season, the computer determined that the hardest accomplishment to best is Johnny Unitas' string of 47 straight games with touchdown passes in the National Football League. Hank Aaron's 755 home runs and .690 lifetime slugging percentage are next on the list.

For single-event records, try to break Wilt Chamberlain's 100 points in one NBA game. Wilt the Stilt's record, according to Golden and Wasil's computer study, barely edged out Bob Beamon's 29-foot, 1 1/2-inch long jump in the 1968 Summer Olympics.

For further details, contact Bruce Golden at the University of Maryland (301/454-3311) or Ed Wasil at American University (202/885-1394).

On CompuServe, fans discuss sports records in the Sports Forum (GO FANS).

—John Edwards

Tracking Tech Jobs Easier with Guide

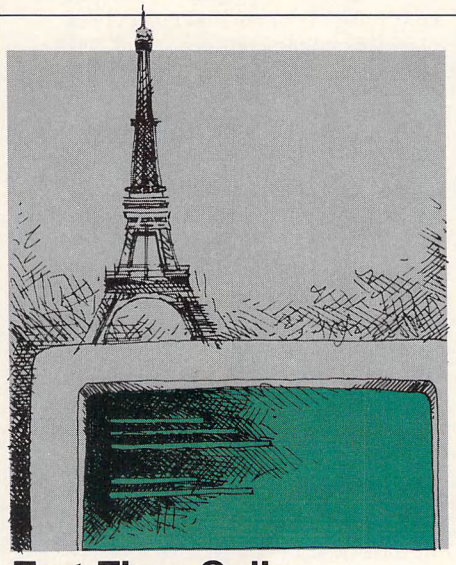
Peterson's Guides has released a new publication to help college graduates land jobs. *Peterson's Engineering, Science and Computer Jobs 1989* is a specialized resource that helps recent graduates and experienced job hunters to identify and contact employers in the technical fields.

The guide profiles more than 1,000 manufacturing, research, consulting and government organizations that will account for 11,100 technical and 4,300 non-technical jobs in 1989.

Profiles of each company include entry-level openings and starting locations, opportunities for experienced personnel, company products and services, degree majors sought, doctoral-level opportunities and the name of the person to be contacted.

The 700-page book, which costs $19.95, is available in bookstores nationwide or directly from Peterson's Guides at 166 Bunn Dr., P.O. Box 2123, Princeton, NJ 08543-2123; 609/924-5338.

Peterson's College Guide is available on CompuServe in a searchable database. To access it, type GO PETERSONS.



Test Time Online

Each year in France, graduating high school students are required to undergo national examinations covering nearly 40 subjects. Thanks to the innovations of videotex, some of their anxiety and stress was relieved this year.

Just hours after the examinations were completed on June 23 and 24, students could turn to Le Nouvel Observateur to learn the correct answers to questions they had just answered. About 200,000 students accessed the answers, which were available on Minitel terminals.

Some of the answers were online as soon as the half-day exams ended, while those requiring more detailed solutions were available about four hours later.

More than 100 professors prepared the answers and then sent them over fax machines to Le Nouvel Observateur's computer center in Paris, which had dedicated 400 of its 3,300 ports to the videotex exam service. To ensure that the answers were correct, a team of 40 professors and 25 support staff members at the computer center double-checked each one before entering it into the system.

For more information, contact Phillipe Perron, New Com Link, 450 Park Ave., Suite 2803, New York, NY 10022; 212/832-8311.

American students preparing for the various examinations, including the Scholastic Aptitude Test and the American College Test, can take the sample Board of Regents Exams on CompuServe in The Multiple Choice (GO TMC).

—Cathryn Conroy

Strategy Games, Utilities in Forums

The libraries in CompuServe's forums are filled with thousands of programs and textfiles. The following are a few of the files uploaded to forum libraries in recent months. For a more up-to-date list, check the "Uploads" columns in *Online Today Daily Edition* by typing GO OLT-3700 at any CompuServe Information Service prompt. New columns are added weekly.

AAMSI MEDICAL FORUM
(GO MEDSIG)

Painless Accounting—Fully integrated accounting package designed for doctors, includes billing, AMA invoice format, general ledger, payables, receivables, patient monthly statements, patient reminder labels, check register, cash disbursements journal, financial statements and more. Files DOC1.ARC and DOC2.ARC in Library 16.

ATARI 8-BIT FORUM
(GO ATARI8)

GIF Decoder—Viewer for Atari 8-bit computers with at least 48K of RAM. File AT8GIF.OBJ in Library 4.

ATARI 16-BIT FORUM
(GO ATARI16)

Daleks—A game of strategy and luck with graphics and high-score save to disk. Your job is to outwit hordes of pesky robots. Works with color and monochrome monitors. File DALEKS.ARC in Library 1.

COMMODORE ART AND GAMES FORUM
(GO CBMART)

Medusa—An "off-the-wall" text adventure. File MEDUSA.IMG in Library 9.

EDUCATION FORUM
(GO EDFORUM)

Conference Text—Edited transcript of the Education Forum conference with Jim Abbey of ComputAbility. The file contains information about devices and programs for the handicapped and disabled. File COMPUT.CON in Library 17.

GAMERS' FORUM
(GO GAMERS)

Border—A strategy game for two players. You try to enclose the most area by defining triangles that do not overlap your opponent's points or triangles. Shareware for IBM PCs or compatibles. File BORDER.ARC in Library 13.

GENEALOGY FORUM
(GO ROOTS)

Investigation—Transcript of a Genealogy Forum conference with private investigator Nate Lenow Jr. on "A Private Investigator's Approach to Genealogy," centering on methods of obtaining information from public records. File JUNE14.CO in Library 6.

IBM HARDWARE FORUM
(GO IBMHW)

Comparison—The latest version of Core's famous hard-disk performance test. Provides a comparison of other fixed disks and those Core has rated the best in the field. File CORTST.ARC in Library 1.

JOURNALISM FORUM
(GO JFORUM)

Reporter—Transcript of a conference with Dr. Carl Jensen on news stories of 1987 that were under-reported and why. File PC1988.CNF in Library 5.

MAUG APPLE II/III FORUM
(GO APPLETWO)

DIGICOPY—Shareware for the Apple IIgs. Mouse-driven program copies diskettes to 3.5-inch disks, 35- to 40-track disks, ROMs to RAMs, etc. Supports single or multiple drives, intelligent error-checking and correction, uses IIgs expansion memory RAM5. Documentation included. File DGCOPY.BQY in Library 4.

MAUG HYPERFORUM
(GO APPHYPER)

Certification—A stack to make certificates for accomplishment, comes with six certificate templates and provides instructions for modifying and adding your own. Certificates may be made for multiple awards. File DIPMIL.SIT in Library 3.

MAUG MACFUN FORUM
(GO MACFUN)

TimeLine—A list of historical events and birthdays for a specified date. Macintosh-compatible. File TIMELI in Library 11.

MAUG MACPRO FORUM
(GO MACPRO)

SuperClock—Version 2.4 goes in your system folder to display the time on the right end of the menu bar. Works with MultiFinder, Mac II color menu bars, OnCue. Configurable in the Control Panel. File MNUCLK.SIT in Library 5.

MacPassword—A password utility program for the Macintosh to protect your hard disk from use by unauthorized users. File MACPAS in Library 4.

MODELNET
(GO MODELNET)

Hobby Shop—An updated list of hobby stores nationwide. See file LIB4.CAT in Library 4 for instructions on using the library and getting information about a particular state.

OUTDOOR FORUM
(GO OUTDOORS)

Biker—A list of the major cycling organizations in America. File BIKEOR in Library 7.

SPACE FORUM
(GO SPACEFORUM)

Launch Comparison—A GIF graph showing comparison of US and Soviet launch activity from 1957 to 1987. In GIF graphics format. File LAUNCH.GIF in Library 1.

TANDY PROFESSIONAL FORUM
(GO TRS80PRO)

AREA—A utility to find phone area codes. File AREA.ARC in Library 7.

TAPCIS FORUM
(GO TAPCIS)

Update—A new version of TAPCIS, the complete communications package for CompuServe forums and EasyPlex, has been uploaded to the TAPCIS Forum for IBM PCs and compatibles. Offers access to PC MagNet and more. File TAPCIS.ARC in Library 1.

TEXAS INSTRUMENTS FORUM
(GO TIFORUM)

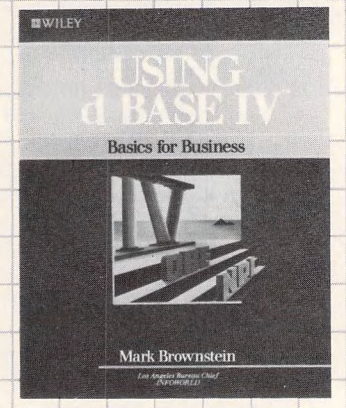
MICROdes—99 publications referencing utilities for the TI 99. Input/output-based application with the ability to store 1,100 records per disk and sort up to 1,400 records per file. Features include modules to browse, add, catalog, convert, count records, create new files, create subfiles, delete, edit, find and more. File MDCOM in Library 1.

WORDPERFECT SUPPORT GROUP
(GO WPSG)

Computer Consultant—WordPerfect supplemental dictionary containing more than 375 words dealing with computers. ASCII textfile can be added to your supplemental dictionary or, using SPELL.EXE, the main dictionary. Works with WordPerfect version 4. File WPCOMP.LEX in Library 1.

David Peyton co-authored How to Get the Most Out of CompuServe *and* Advanced CompuServe for IBM PC Power Users. *His CompuServe User ID number is 76703,244.*

Always the Smart Choice.



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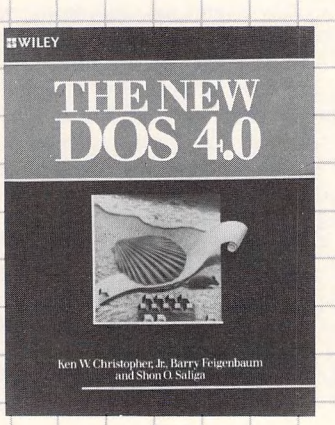
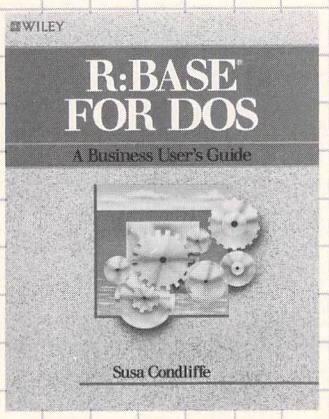


THE NEW DOS 4.0
Ken W. Christopher, Jr., Barry A. Feigenbaum, and Shon O. Saliga
From the IBM architects themselves, here is a complete guide, for novices and experienced users, to the new DOS 4.0.
(0 471-50257-X) $22.95



R:BASE® FOR DOS
A Business User's Guide
Susa Condliffe
Emphasizing business applications, this practical, hands-on tutorial delivers all the capabilities of the newest version of R:BASE.
(0 471-60064-4) $21.95

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Designing Your Own Applications
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Everything You Need to Choose and Use Your Hard Disk
Chris A. Bosshardt
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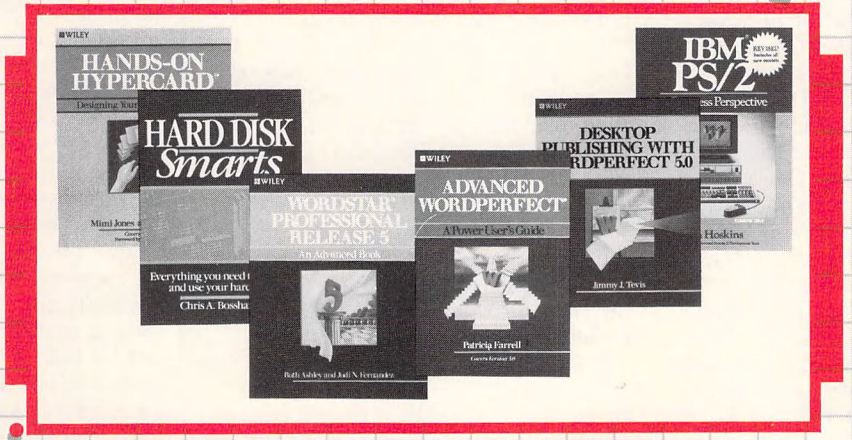

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ADVANCED WORDPERFECT® A Power User's Guide
Patricia Farrell
(0 471-63728-9)
$18.95

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Take Stock in MicroQuote

Reliable Information Supports Investment Decisions

by Mike Pietruk

Having immediate access to reliable information is a key to making sound, profitable investing decisions. The MicroQuote (GO QUOTES) area on CompuServe offers a variety of historical and analytical databases to provide informed investors the tools they need to keep one step ahead of the crowd.

If you are looking for a statistical overview of a stock, bond or other security, start with MicroQuote's Detailed Issue Examination program, EXAMINE (GO EXAMINE), which presents in a succinct format quantitative and qualitative data regarding stocks, bonds, mutual funds and market indices. For each type, price and earnings information, investment yields, and risk characteristics are displayed in a short, easy-to-read report. In addition, the various class, codes and identifiers are shown. Where there is an interest or dividend payment made, the dates, payment methods, tax base and bearer status are indicated.

After reviewing the EXAMINE report, you will undoubtedly want to study certain items in greater detail. If your interest lies in the issue's past price performance, MicroQuote has several programs that can expedite this task. To get a feel for a stock or bond's past pricing history, you might begin with the Price Statistics program.

Once you specify the issue and time period, PRISTATS (GO PRISTATS) reveals statistics on the price and volume performance of the security. In addition to figures for recent pricing, the program computes high and low prices and volumes for the time frame indicated. From this, you can determine whether the issue is trading near the high or low end of the range, along with what are volume extremes—often a hint of possible future action. If you wish to see similar information in graphic form, type GO TREND to view CompuServe's price/volume graph.

Although past performance is no guarantee of future performance, it is a helpful guide in formulating investment decisions. The Return Analysis program (GO RETURN) can help you evaluate the performance of a portfolio of actual or hypothetical investments for any time period you specify. This is especially useful for comparing performance in historical bull and bear markets.

Additionally, you are offered the choice of including or excluding dividends in the calculation of the portfolio's return. This is most useful if you are holding or thinking about acquiring securities in which dividends are not passed on to you as the investor.

Many investors prefer doing their own analysis using historical price and volume figures. If you are one of them, two MicroQuote programs, PRICES and QSHEET, will provide you with this data. PRICES (GO PRICES) enables you to gather data on one or more securities for any range of dates specified. You can request daily, weekly or monthly composite prices going back, in some cases, to the mid-1970s.

QSHEET (GO QSHEET) enables you to retrieve quotes for a list of securities for any given date. This is perfect if you choose to regularly track your portfolio or if you need a lot of prices for one particular day. Available information includes your choice of volume, close/average, high/ask and low/bid.

Geraldine Weiss, newsletter publisher and author of *Dividends Don't Lie*, states that payouts to shareholders are the best measure of a stock's true value. This sometimes hard-to-find historical data—along with details on stock splits, bond interest and mutual fund distributions—may all be found in MicroQuote's DIVIDENDS service (GO DIVIDENDS).

After entering the issue (using the ticker or CUSIP number), you can indicate how many payments you wish to see. Included for each distribution are the type of payment and the ex-dividend, record and payment dates. The information under "type" will show whether the distributions were made in cash, cash equivalents, stock splits or stock distributions.

Fixed income investors will want to check out MicroQuote's BONDS database (GO BONDS). BONDS provides a quick means of obtaining a list of a company's publicly traded debt. After specifying the firm's underlying common stock ticker symbol, you will receive a report containing the ticker symbols, CUSIP numbers, issue identifiers, yields and prices of the various bonds of a firm.

The report also features quality ratings by Standard & Poor's and Moody's. It provides a quick method for looking at the various bonds and assessing some of their risk and return characteristics. Once you have the ticker symbols, you can do further analysis using the various other CompuServe financial products.

Option traders may want to look at OPRICE (GO OPRICE), MicroQuote's Options Profile program, which displays on a single screen all open options being traded on a given common stock or market index. Coverage includes more than 10,000 call and put options trading on major North American exchanges.

Option and other short-term investors can keep posted with daily updates on action on the New York and American stock exchanges as well as the over-the-counter markets with MARKET Highlights (GO MARKET). MARKET's reports help you assess the current investing climate and determine which stocks may merit your consideration and, just as important, which should be avoided. To assist you in reaching these judgments, MARKET regularly offers a variety of reports including the 20 most active gainers and largest losers; the 20 largest percentage losses and 20 largest percentage gains; price down and up over the past three, four or five days; new six-month lows; low above yesterday's high or high above yesterday's low; and volume 2X average and up.

If you do not know the ticker symbol, you can locate it in all of the above programs by typing *NAME LOOK UP, meaning that, if you don't know the ticker symbol, you can locate it by typing an asterisk (*) immediately followed by the first few characters of the company name at the Issue prompt. While all carry surcharges over and above connect-time rates, you can get a feel for the reports by using the free ticker symbol, HRB, for H&R Block, CompuServe's parent company.

For more information, including instructions, sample reports, and costs, type GO MQP and GO MQQ from any system prompt.

Mike Pietruk is a forum administrator of CompuServe's Investors' Forum and an assistant vice president of Preferred Savings & Loan in Chicago. His CompuServe User ID number is 76703,4346.

Market Muse Keyed to Small Investors

by Cathryn Conroy

Market Muse, a weekly newsletter in the Investors' Forum, rose from the ashes of the October 1987 stock market crash. Its author, Steve Hovland, a systems analyst whose hobby is investing, thinks more could have been done to protect the small investor.

Market Muse is designed to provide Hovland's perspective on investment information. "I decided to write the newsletter to fill in some of the information I felt was missing," Hovland explains. "Some of what I consider to be better information is embodied in the charts of advance/decline, new highs/new lows and my interpretations of them. I try to provide perspective, keeping in tune with the stocks' movements and assessing the possible impact on prices."

Articles about investing are featured in each edition. Recent topics have included the use of switching to mutual funds for those with limited time to follow individual issues, a commentary on whether the 1988 stock market rally can be sustained, tips on the use of stop-loss orders, and an essay on ways the Japanese use computers to make life easier. ASCII charts analyzing stock market changes in billions of dollars are also part of each issue.

Hovland's interest in investing is a natural outgrowth of working in business. Sensing a bull market in 1981, he read books on investing. For Hovland, they didn't help: the company stock he bought for $62 a share fell to $27. When it rose to $62 again, he sold it.

"Overall, I made every possible mistake a beginner could make—from buying the stock in the first place to holding it as long as I did," he recalls. "That experience started my search for a workable trading system," he says.

The resulting system involves developing a method for medium-term trading. "I am trying to catch moves that occur over a six-week to 18-month period," Hovland says. "I think fundamentals are important, but they are not the determining factor. I would prefer to buy a stock after it has started to move, and then harvest my profits by being stopped out when the move fades."

Here is an example of how Hovland's method works: You purchase at least $2,000 worth of a stock. Two months later it is up 10 percent and the momentum slows. You sell the stock and reap a $200 profit. Using a discount broker, you will have paid $50 to get in and $50 to get out. Without considering taxes, that leaves you with a profit of $100—5 percent for the period you held the stock.

"There are six two-month periods in a year, so the annual rate is 30 percent," explains Hovland. "By the rule of 72, that is equivalent to doubling your money in less than two and a half years. It's not overnight riches, but it is a nice return. If you can follow a large enough universe of stocks, you should be able to do this several times a year."

Hovland says he pays as much attention to the stock market as some people pay to sports. "Since I watch the market every day, I believe I have a better feel for it than some small investors," he says. "Why not share it?"

Market Muse is in Libraries 8 and 10 of the Investors' Forum (GO INVFORUM). At the LIB prompt, type BRO HOV*.TXT for a summary of each edition.

Richard Peterson Photography

Newsletter author shares his "feel for the market": *Hovland*

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*The $9 SmartSCAN charge is waived. Connect-time charges and Search charges for items chosen and displayed from the SmartSCAN results menu remain in effect.

CompuServe Navigator Tracks Securities

by Carole Houze Gerber

In an ideal world, executives would have time to leisurely browse through several sources of financial information before formulating a daily "big picture" of the stock market. In the real world, browsing and business don't usually mix.

That doesn't mean, however, that executives don't have ready access to financial facts on which to base their investment decisions—it just means they don't have to spend a lot of time gathering them.

Those with Macintosh computers can use CompuServe Navigator—a new cost-effective communications program that facilitates automatic access—to predefine and gather online information that can then be reviewed offline. Executives will find CompuServe Navigator particularly useful for accessing stock quotes automatically and retrieving SNAPSHOT reports on the condition of the market.

Another major benefit is CompuServe Navigator's Copy Table capability, which copies information from the screen and automatically puts it into a tab-delimited format, popularly used by most Macintosh spreadsheet packages. The program's enhanced scripting capability also enables users to customize CompuServe Navigator's automatic sessions to collect data from other areas on CompuServe.

"CompuServe Navigator makes it easy to point and click your way through CompuServe," says CompuServe Navigator's author, software developer Michael O'Connor. "This is a skill at which Mac users are already quite adept."

To set up CompuServe Navigator to access CompuServe's QuickQuote (GO QQUOTE), double click on the QuickQuote tile (within Money Matters and Markets) and simply type in a list of ticker symbols. Click the mouse on the OK prompt and the program will be set up to automatically retrieve the latest data on a time schedule you specify. There is a small surcharge for each quote you retrieve.

If you also want to automatically retrieve SNAPSHOT reports, simply click on CompuServe Navigator's SNAPSHOT "checkbox." A one-page market snapshot is generated showing current Dow Jones Industrials, S&P 500 Index, NASDAQ Composite and the London Gold Fix, as well as current exchange rates and other vital market information. SNAPSHOT is accessible to subscribers with the Executive Option.

CompuServe Navigator is available for the Apple Macintosh 512K, Plus, SE or Mac IIB models. A double-sided 800K disk drive and 512K memory plus System 3.0 or higher are required. A Hayes-compatible modem is recommended.

CompuServe Navigator supports an enhanced version of CompuServe's B protocol for error-free file transfer. This B protocol decreases download time and provides error checking. CompuServe Navigator also supports direct transfer of graphic images created with CompuServe's GIF protocol.

The program can be ordered online (GO ORDER) or by calling CompuServe's telephone sales department at 800/848-8199. In Ohio, dial 614/457-0802. CompuServe Navigator can also be purchased through some retail outlets.

Upgrades are available to all registered users and can be downloaded directly from CompuServe. For information, type GO NAVIGATOR.

Business Briefs

Enhanced Search Criteria in ENS

The Executive News Service enables CompuServe members to predefine clipping folders using key phrases of up to 80 characters with AND, OR, NOT and wildcard signs.

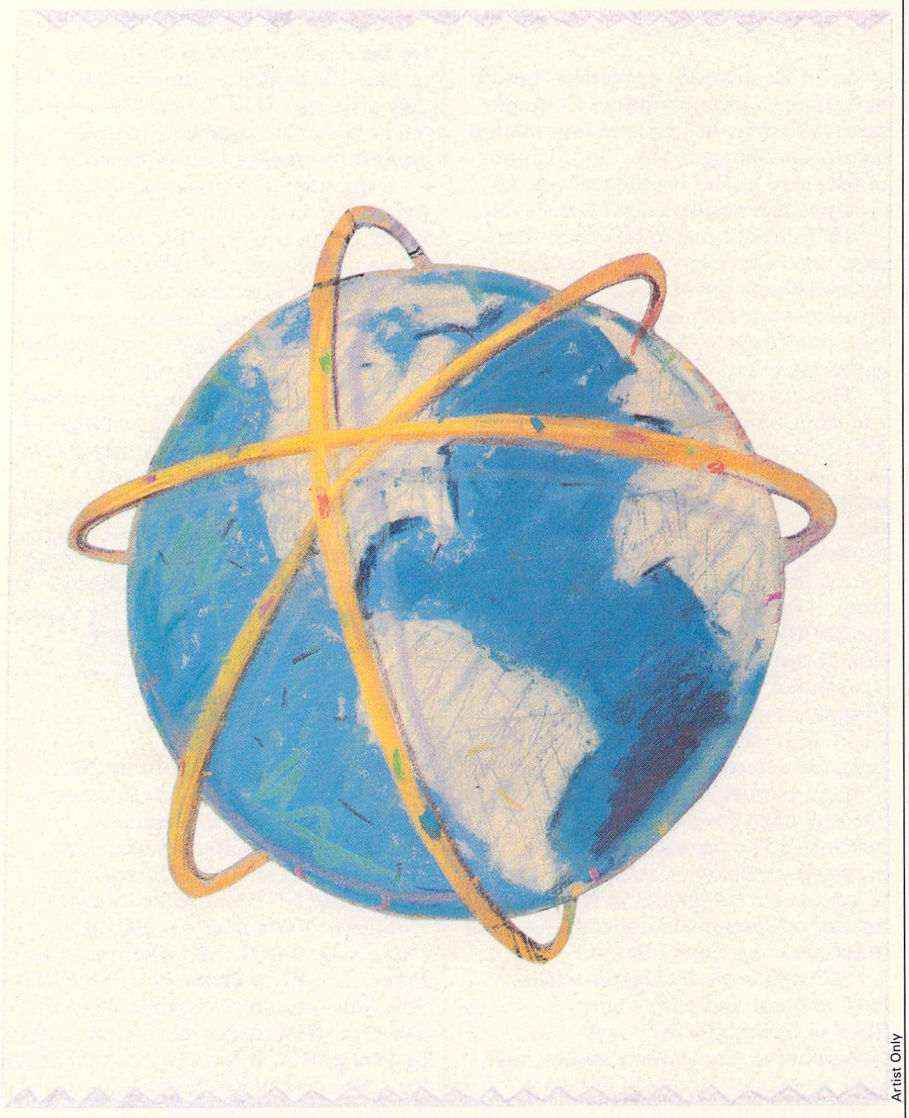
Stories containing selected key phrases are saved from The Associated Press, *The Washington Post*, McGraw-Hill News, Reuters Financial Report and OTC NewsAlert. Help is available by typing HELP KEYPHRASES at the top Executive News Service menu. The Executive News Service is an Executive Option product and has a $15 per hour surcharge. GO ENS

Tax Reform Discussion Online

The Independent Computer Consultants Association has reserved Section 8 of the Computer Consultant's Forum for discussion of Senate Bill 2626, which is proposed to replace Section 1706 of the Tax Reform Act of 1986.

The IRS' broad interpretation of Section 1706 has forced many former independent contractors to become employees, chilling the technical consulting industry.

Read MOYNHN.BIL in Library 8 for the text of this bill, introductory remarks and an additional explanation from the Congressional Record. GO CONSULT



Artist Only

Sparks Fly in Issues Forum

Hot Topics, Speakers Provoke Lively Exchanges

by Carole Houze Gerber

If you're tired of small talk and are looking for friends eager to exchange ideas on such weighty topics as drug abuse, national defense, politics and the future of America, chances are you'll feel right at home in the Issues Forum (GO ISSUES).

Like a small United Nations—only friendlier—the forum's members are from Japan, Germany, Italy, China, Holland and the United States. Their ages and backgrounds, according to Forum Administrator Georgia Griffith, are as varied as their nationalities. "Backgrounds vary from high school students to government employees. Our membership includes teachers, journalists, students, programmers, engineers and doctors. These differences lead to interesting discussions."

Three weekly conferences provide an arena for lively exchanges on a variety of issues around which members gather according to their interests. The Sunday evening get-together on paranormal issues draws a different crowd, for example, than the Tuesday evening conference on "hot topics," which addresses the week's most pressing events. Wednesday night's conference centers on issues related to handicapped persons. During the winter months, Monday evening conferences are scheduled for topics related to parenting and family issues.

Recent "hot topics" in Tuesday conferences have ranged from the super serious—debating what America has to defend before discussing a system to protect it—to the slightly silly—a wrangle on the differences between ignorance and stupidity.

"We have guest speakers as often as I can find good ones," Griffith says. "The defense issues conference was led by Scott Rosenthal, an experienced defense writer with a strong grasp of the facts. I'm trying to get a senator or two online to discuss political issues related to the presidential campaigns."

Transcripts of conferences related to national issues are stored in Libraries 1, 2, 3, 9 and 15. Griffith deletes old files and puts up 10 new ones each week to keep the material in the libraries current and relevant.

Often, topics introduced in conferences are carried over to the message board, where they continue to grow. Other messages are unrelated to conference topics; instead, they relay members' opinions about a particular current event. "A lot of messages give a member's opinion only, but these are immediately pounced on by the expert debaters who say 'Prove it!'," Griffith says. "In defending their positions, many members search libraries, databases, magazines and other sources to support their points. 'Not so,' say the experts, who have also been searching. And so it goes, back and forth."

Should we legalize drugs or go after the drug dealers? Which candidates, if any, are truly capable of running this country? What's the truth about former Attorney General Edwin Meese?

Whether you already have a strong opinion on these and other national issues, or simply enjoy seeing the sparks fly as others discuss them, you can wake up your sluggish synapses through an invigorating plunge into the Issues Forum. Forum Administrator Griffith and her bright, articulate and cheerfully argumentative band of members will welcome your presence and your opinions. "It's never dull in the Issues Forum," Griffith says. "Come on in!"

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   B. No-smoking window, no-smoking aisle, smoking window, smoking aisle.
   C. No-smoking, smoking, except for flights under two hours.
2. How many car companies do you have to choose from in EAASY SABRE at La Guardia Airport (LGA) in New York?
   A. Fifteen.
   B. Four.
   C. Eleven.
3. Where does EAASY SABRE display your car or hotel confirmation number upon completing a reservation? (Hint: Make a car reservation with your preferred car company in a city you plan to visit. After completing, return to the main menu and review your itinerary. Be sure to cancel the reservation if your plans change.)
   A. Last column of itinerary summary.
   B. Last two lines of itinerary detail.
   C. EAASY SABRE does not provide on-line confirmation numbers.

NO PURCHASE NECESSARY. Type GO SABRE to fill out the contest application on-line, or send correct answers with your name, address and EAASY SABRE ID Number on a 3 × 5 card to November 1988 EAASY SABRE Contest, P.O. Box 639, Columbus, OH 43216. If you don't already have an EAASY SABRE ID, fill out the no-obligation application on-line.

CONTEST RULES.
NO PURCHASE NECESSARY.
Entries must be received by December 4, 1988.
GO SABRE on-line in CompuServe and select contest menu to review rules and enter contest on-line, or answer the three contest questions on a 3 × 5 card with your name, address, city, state, ZIP code and EAASY SABRE ID (if available). Send entries to: November 1988 EAASY SABRE Contest, P.O. Box 639, Columbus, OH 43216. A winner will be selected in a random drawing on December 15, 1988, from all correct entries received. All decisions by the judges are final.
Odds of winning will be determined by the number of correct entries received.
Prize is a Coach round-trip ticket for two (2) persons to any American Airlines city in the contiguous 48 United States. Travel must originate from the American Airlines city within the 48 United States nearest prizewinner's city of residence providing direct service. Alaska and Hawaii are excluded. Trips may not be taken during inclusive blackout dates: December 16-31, 1988; January 1-8, February 16-26, March 11-28, June 30-July 6, August 15-September 5, 1989.
Prize consists of air transportation only. Ground transportation and overnight lodging en route or at destination will be at the sole expense of winner. If American, for any reason, discontinues service to the selected destination before the prizewinner's travel date, the prizewinner must select an alternate American Airlines destination. Stopovers are not permitted, and tickets are neither transferable nor refundable. Tickets must be requested within ninety (90) days after prizewinner has been notified of winning, and travel must be completed by October 31, 1989. Minors must be accompanied on the flight by a parent or guardian.

A service charge of $25 per ticket will be assessed if a ticket is reissued due to a voluntary change of itinerary or a change in the name of a passenger. A check for $25 made out to American Airlines must accompany each request for ticket reissuance. Tickets requested within one week of the date of travel will be sent Federal Express C.O.D. only.
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IT IS VOID WHERE PROHIBITED OR RESTRICTED BY LAW. All federal, state and local taxes apply, and said taxes are sole responsibility of winner. If any prizewinner is unwilling or unable to use tickets issued by American Airlines in connection with this contest, American Airlines or CompuServe will not be responsible for, nor obligated to pay, any expenses associated with the aforementioned provisions.
Employees and immediate family of American Airlines, CompuServe, their affiliates, advertising agencies or judging organization are not eligible. An affidavit of eligibility may be required.
Only one entry per person is allowed.
Winner will be notified by certified mail and announced by January 6, 1989, on-line. For name of winner, send self-addressed, stamped envelope after December 15, 1988. Allow 90 days after winner selection date for name of winner. Send to November 1988 EAASY SABRE Contest Winner, P.O. Box 639, Columbus, OH 43216.
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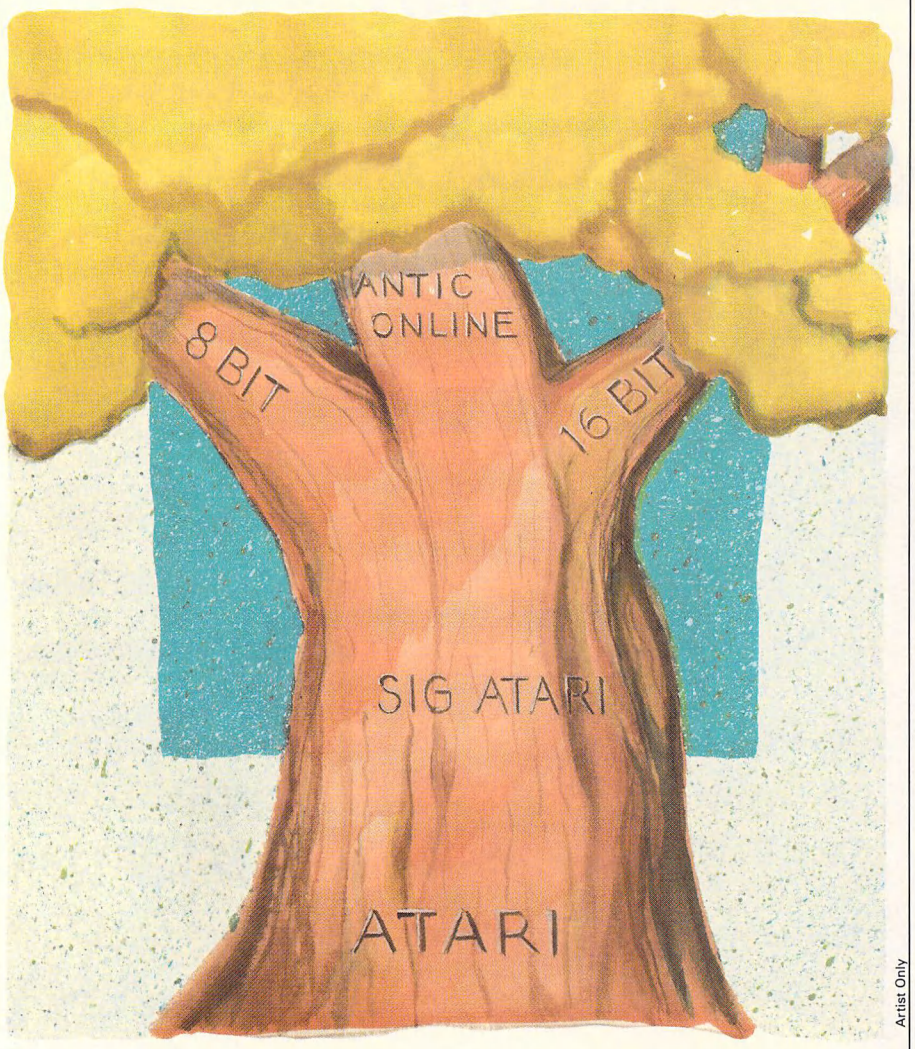


Artist Only

Atari's Online Evolution

Expanded Technical Support Marks Growth of Atari Area

by Ron Luks

You could say of the Atari personal computer that it is one of the originals. And through its years of growth and development, the machine has evolved from purely game to more technical applications. So goes the history of the Atari Forum (GO ATARINET) on CompuServe—growing in size as the Atari family of machines and users expands. From the Atari 8-Bit Forum to *ANTIC ONLINE* to a future productivity forum, there is a history worth noting.

The Beginnings

It all began in late 1979. A small, rather obscure section was created for Atari users in the *Popular Electronics Magazine* Special Interest Group. This little Atari niche contained the first significant archives of Atari-related information to be found on a national computer services network.

In mid-1980, it became apparent to the management of CompuServe's personal computer services sections that the growing number of those interested in Atari merited a forum of their own. In the fall of 1980, the first Atari forum (then known as SIG*ATARI) opened its doors to the general public. Administered by myself with the assistance of a core group of Atari enthusiasts, the forum quickly attracted thousands of members and began to assemble the nation's largest archive of public-domain programs and information for the Atari 8-bit computer. During the next five years, the forum expanded.

In 1985, after being taken over by new management, the newly renamed Atari Corp. introduced the ST line of 16-bit computers. Initially, a few sections in SIG*ATARI were devoted to these new machines, but as interest grew, the decision was made to split the forum into three entities.

The original Atari 8-Bit Forum remained as it had been operated since 1980 and two new forums were formed. The Atari 16-Bit Forum was designed to mirror the 8-Bit Forum and a new Atari Developers Forum was opened to serve the special needs of those individuals and companies who were developing the first releases of software for the new ST line.

ANTIC ONLINE

Jim Capparell, the publisher of *ANTIC* magazine, opened the electronic edition of *ANTIC ONLINE*, which contained reprints of stories from the magazine and the first online user survey. This popular experiment has expanded its offerings to include an online picture gallery, monthly programs for downloading and one of the most complete customer service feedback areas available.

Originally maintained by the administrators of the Atari Forum, *ANTIC ONLINE* is now run exclusively by the staff of *ANTIC* Publishing, although many projects of interest to the Atari community are co-sponsored by *ANTIC ONLINE* and the staff of the Atari forums.

Vendor Support

As the ST market matured, activity in the Atari Developers Forum opened up to vendor support in addition to developers' activities. To support the commercial interests vital to that of the Atari community, the staff of the Atari forums opened the Atari Vendor Forum, which differs from the other three forums in that each section and library of the forum is operated by a specific vendor under contract with CompuServe. The best description of this forum is a collection of "mini-forums." (See the article this month on the Atari Vendor Forum.)

Additional vendors supporting the 8-bit computers have been installed inside the 8-Bit Forum and include Virtusonics and I.C. Industries.

The Mall and SOFTEX

Besides the commercial customer

support available from the Atari vendors, software purchases may be made online in The Electronic Mall® (GO MALL) and in the SOFTEX (GO SOFTEX) area. *ANTIC* Publishing, operator of *ANTIC ONLINE*, is registered with The Electronic Mall as a merchant and offers a variety of 8-bit and 16-bit software. You can browse the selections available in the *ANTIC* catalog and place an order online using your credit card. Orders are promptly shipped, and support is available for these products in the *ANTIC ONLINE* customer feedback area.

SOFTEX is CompuServe's electronic software delivery service. Software titles offered in this area can be purchased online and immediately downloaded to an Atari microcomputer equipped with the proper terminal software. A variety of titles are offered in this area by an increasing number of vendors. Consult the current list of titles to see what's available.

For the Future

Because of the increased growth and interest in the 16-Bit Forum (the ST Users Forum), the Atari forums have recently gone through another major restructuring effort. The subject matter of the Atari 16-Bit Forum and the programming materials from the Atari Developers Forum have been combined and redistributed into two new forums.

The Atari Productivity Forum includes all of the utility and application libraries from the old 16-Bit Forum as well as the programming languages and tools of the Developers Forum. This forum will also include those restricted libraries and message sections open only to Atari registered software developers. Updates to the Atari developers kit are still available online here for those with approved access.

The Atari Productivity Forum also has special restricted areas for those developers wishing to enlist the help of members in testing and debugging new versions of their commercial software. Libraries for telecommunications related material and demos of the latest commercial applications and utilities are available here.

The Atari ST Arts Forum complements the technical forum. Message sections and libraries on gaming, MIDI and musical applications, desktop publishing and computer graphics are included. There will be specific libraries for the different types of picture data files, cyber animations and other graphic demos. The Arts Forum also contains the extensive Atari computer news archives including all published editions of the popular electronic newsletter, *ST-Report*.

By popular request, each forum maintains a single library called "New Uploads." New submissions go into this area for about a week before being moved into the appropriate libraries for permanent archiving.

Weekly Updates

To assist the Atari user on CompuServe, the Atari Display area (GO ATA-1) has been expanded. This page provides a central menu by which CompuServe members can view a short file listing the newest additions to each of the four Atari forums, updated weekly. Also on this menu page you'll find short articles listing the upcoming forum conferences, past weeks' highlights, help articles on how to use the latest version of the CompuServe forum software, a list of the forum administrators, and interactive user surveys asking for opinions and suggestions on a variety of subjects.

The information available to Atari enthusiasts has grown significantly from its modest beginnings as a single message subsection to a major network of multiple forums, extensive Display pages and software acquisition operations. And, the best is yet to come.

Ron Luks is the administrator for the Atari Forums. His CompuServe User ID number is 76703,254.

Talk to Atari Vendors via Forum Connection

by Cathryn Conroy

Receiving continued support of commercial Atari software and hardware components is a matter of making an electronic connection through the Atari Vendor Forum.

If you are having a problem with a new program, can't figure out a nuance of one you've been using or have questions before you make a purchase, this is the place to go. The online vendors include ICD Inc., Intersect Software, Michtron, Drafix, QMI, Regent Software, Magic Sac, *Atari Explorer*, Avant-Garde, Navarone Industries, Publishing Partner, Practical Solutions and Analog.

Online support offers timeliness, cost-effectiveness and convenient access not found in telephone or other traditional methods of support, according to William Teal of Avant-Garde. "When you have a problem, you don't want to wait for an answer. Some problems can be discussed over the telephone, but in many situations the user needs step-by-step instructions," he says.

Widespread problems can be solved by posting the solutions or patches online for all to download. Free add-on and support files written for older products can be easily and inexpensively distributed.

"This communication medium is a 'broadcast' method, similar to being in the classroom," says Roger D. Brown, president of Navarone Industries. "One individual asks a question and everyone gets to hear the answer."

In addition, electronic messages eliminate frustrating telephone tag and the inconvenience of differing time zones, because the Atari Vendor Forum is open 24 hours a day.

One of the more unusual "vendors" in the forum is *Atari Explorer* magazine, the official Atari journal. "Atari is committed to online support of products because it eliminates paperwork and provides its own electronic audit trail. It also makes the users feel good, knowing there is someone they can talk to directly," says John Jainschigg, senior technical editor of *Atari Explorer*.

Jainschigg is convinced that interactive services and mass connectivity will ultimately supplant passive broadcasting, mail and other traditional research methodologies.

Products supported in the Atari Vendor Forum include:

- ST-Talk Professional, a GEM telecommunications software package from QMI Inc.
- Regent Base 2, a fourth-generation, standard-query language database system from Regent Software.
- PC-Ditto, a software program that allows IBM software to be run on the Atari ST, from Avant-Garde.
- TimeKeeper, a clock/calendar cartridge that always knows the date and time even if it is not plugged into the computer, from Navarone Industries.

To access the Atari Vendor Forum, type GO ATARIVEN.

CADKEY's 'Back Fence'

by Paul Newkirk

John Cloyd, marketing manager of CADKEY, claims he has been a computer hacker for years. But, that is just one of the reasons he thought a CADKEY Forum (GO CADKEY) on CompuServe "seemed like a natural."

CADKEY, a division of Micro Control Systems Inc., develops, markets, manufactures and supports three-dimensional computer-aided design and drafting products for personal computers in the manufacturing, government and education markets. CADKEY software is the most widely used mechanical engineering system in the world. Last April, the company began to support its customers online.

"The primary reason we're interested in the forum is because it offers a faster, more efficient way to talk to our customers," says Cloyd. "We can put information up there and have a lot of people get access to it quickly."

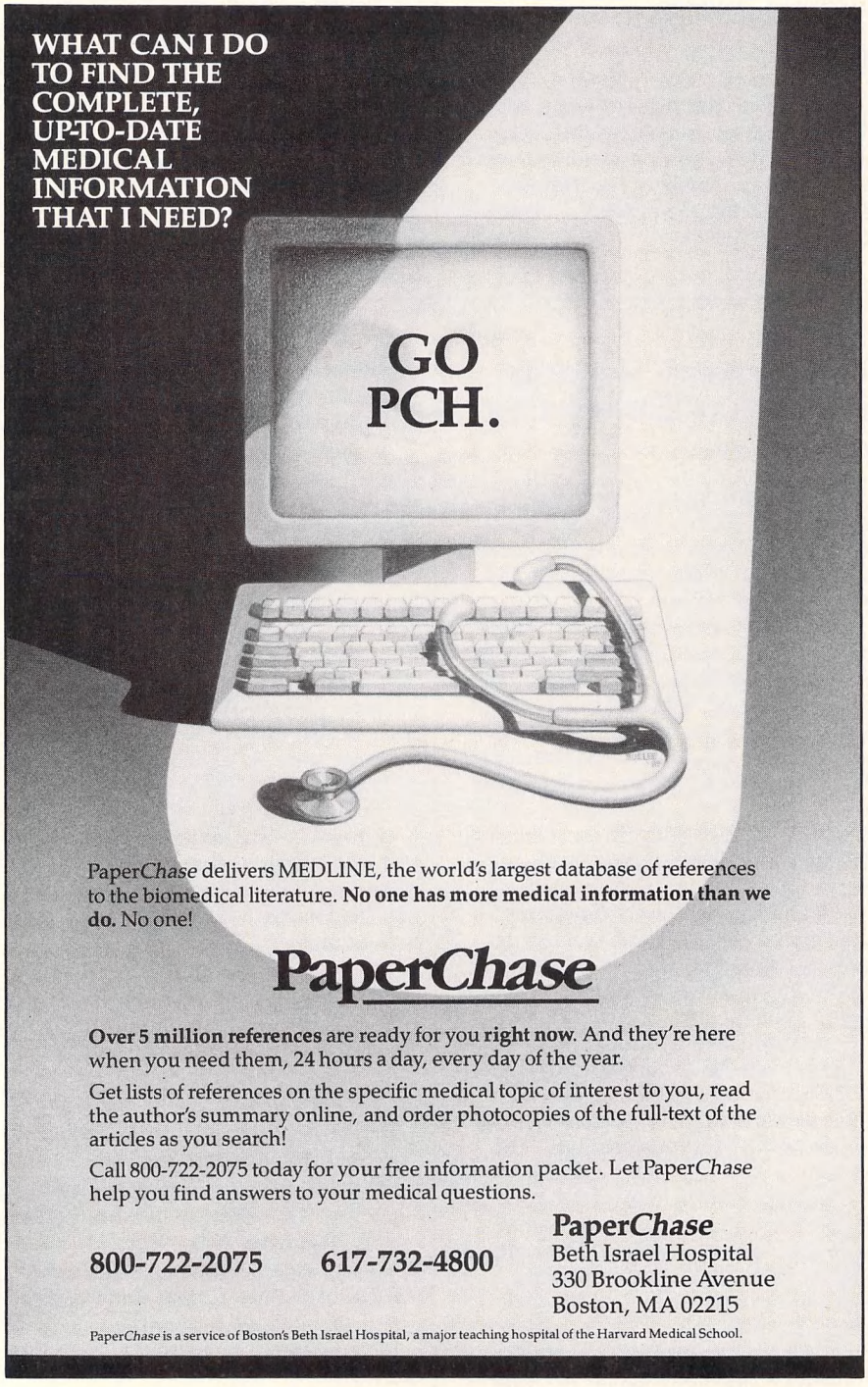
"The forum also is good for customers to talk among themselves. We don't pretend to have all the solutions to common problems. But among our 40,000 customers, somebody probably has encountered the same problem before. In that way, the forum is like the large back fence you used to have with your neighbors—you could lean over and exchange gossip," says Cloyd. "CADKEY customers can now come directly into our company and be face-to-face with us, so to speak, across 3,000 miles of phone line."

This relationship is important to CADKEY because, as Cloyd says, "Most of our product enhancements come from customer feedback. The forum is a way for customers to tell us what they are pleased with and what they would like to see changed. We value that feedback and are looking for the forum to become an integral part of our product enhancements and future product directions."

Forum Administrator Steve Chin says the forum includes product support, product information, a section for third-party vendors who integrate with our software, and a section with the locations of training centers throughout the country. The forum also has the usual features, such as a library of important files and an area for conferencing.

CADKEY's incredible growth—the company has doubled in size each year since the unveiling of its CADKEY software three years ago—certainly seems to back up Cloyd's statement that an online forum for the company is a "natural."

CADKEY is constantly moving forward in the world of 3-D computer-aided design. New products and enhancements appear frequently at CADKEY, allowing, among other things, designers and engineers to build better models and do more complex analysis. "For people who want to keep up-to-date on what CADKEY is doing, the forum is going to be the best place to find out," Cloyd says.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GO OLI for more information.

More Communication for the Dream Machine

by Michael Naver

If you're an enthusiast of the Commodore Amiga computer, what's better than having an Amiga Forum on CompuServe?

Answer: three Amiga forums on CompuServe.

So strong is the interest in this colorful graphics computer, which has been called a "cult machine" and a "dream machine," that the Amiga Forum expanded earlier this year into the Amiga Arts, Amiga Tech and Amiga Vendor Forums.

A single forum was "just too busy," recalls Steve Ahlstrom, forum administrator. "With more than 10,000 members, we had 950 active messages scrolling off the message board every three days." With three forums, members now can focus on their own areas of interest.

Programmers and other technical users are members of Amiga Tech Forum, the most widely used of the three forums. People interested in games, audio, animation and other graphics applications find a home in Amiga Arts Forum. Amiga Vendor Forum is a gathering place for companies offering products for the Amiga.

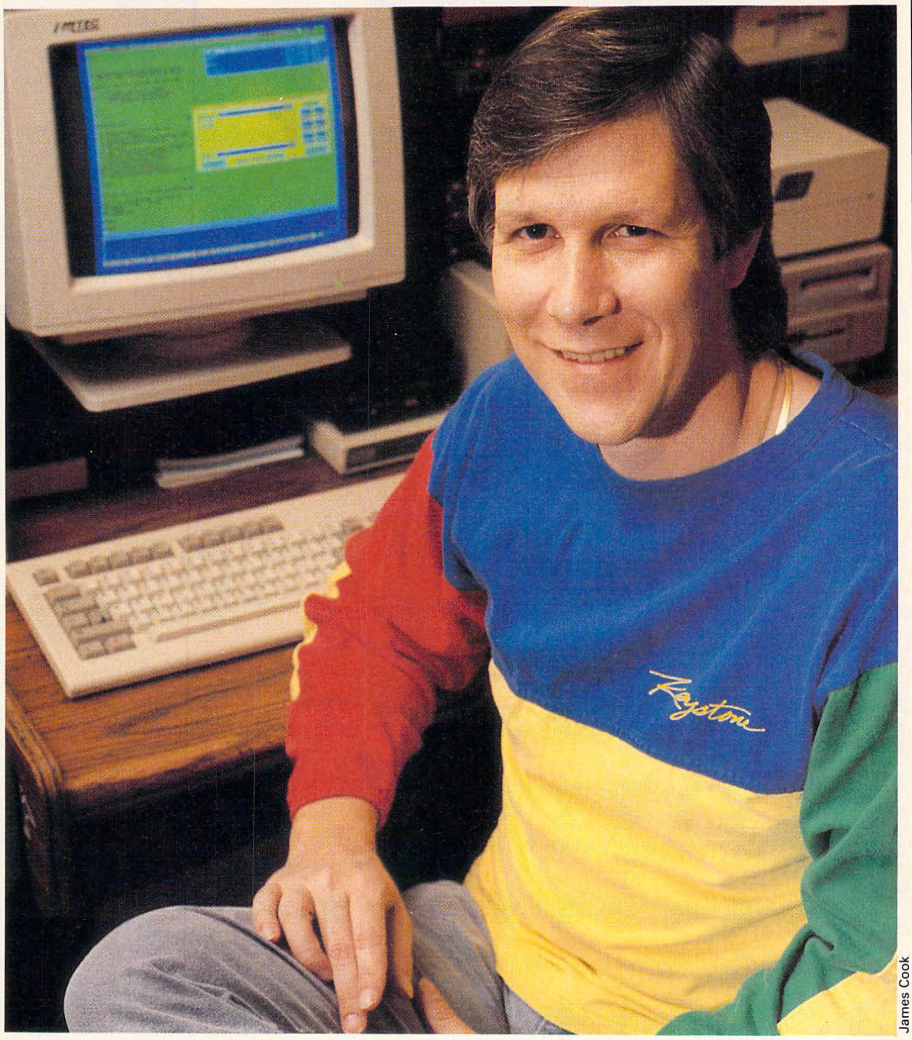
Early reaction to the reorganization was "very favorable," Ahlstrom says. "For example, some people are intimidated by the techies, so they stay over in arts. Some technical people couldn't care less about arts. We also have some crossover members."

Like all CompuServe forums, the three Amiga forums offer messaging, real-time conferencing and libraries containing textfiles and programs for downloading. The libraries contain at least 50 megabytes of free or low-cost software, according to Ahlstrom.

Let's take a closer look at the three Amiga forums:

Amiga Tech Forum (GO AMIGATECH or GO PCS-84). This is the place for technical information about Amiga hardware or programming. It's the home of discussions about the computer's two primary program languages, C and Pascal/Modula-2. Authors of Amiga software drop by, as well as vendors who are not part of the Vendor Forum.

Amiga Tech also is home to discussions and library files on telecommunications programs for the Amiga, including a popular shareware program called Access!, a commercial program called Online! and a new automated online navigation-and-retrieval program called Whap!, which is similar in concept to TAPCIS for the IBM PC and CompuServe Navigator for the Macintosh.



James Cook

Enclaves for Amiga enthusiasts: *Ahlstrom oversees three forums*

Amiga Arts (GO AMIGAARTS or GO PCS-85). This forum is for the artistically inclined user, including the musician, artist, movie maker and animator, ranging from beginners to experts in their fields. Also it's home to discriminating games players who consider Amiga unequaled as a games machine.

Among the more popular software areas is animation. You can download animation programs in different formats, play them back on a "player program," and then put them in your VCR for display in Amiga's 4,096 colors. Like other programs, these are archived files that need to be "unarchived," or expanded, before use.

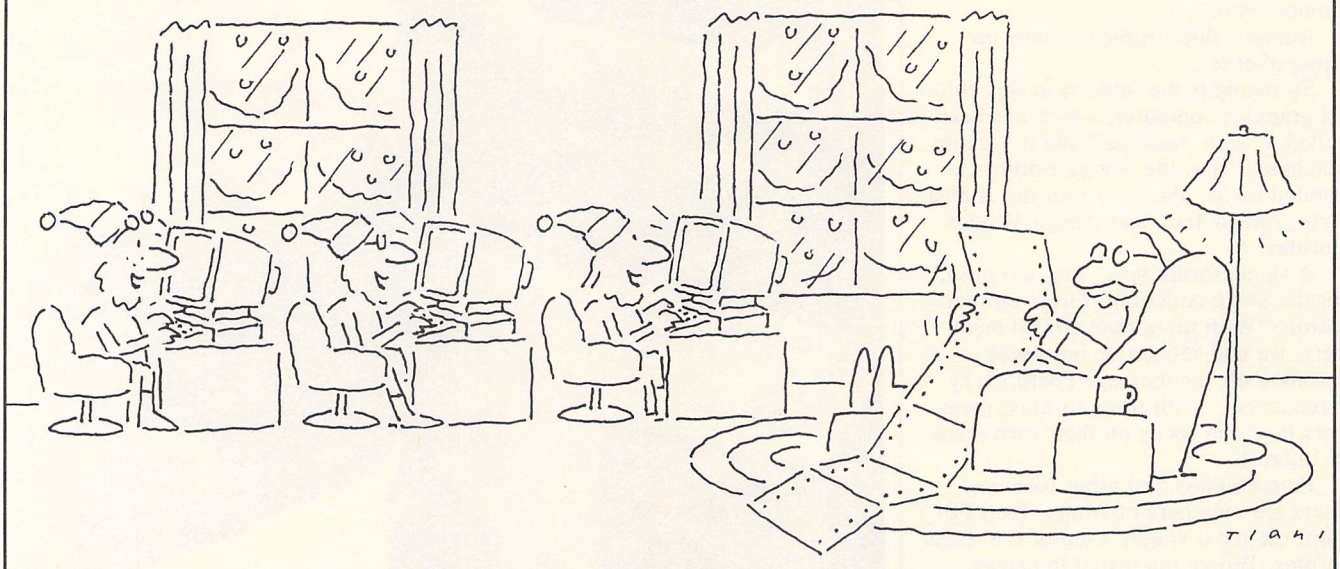
Another popular area is MIDI audio utilities, which allow you to compose music for a whole orchestra and play it back on your stereo system in high-quality sound.

Amiga Vendor (GO AMIGAVENDOR or GO PCS-86). This is the place for people interested in Amiga products to get information, news and support from the vendors represented. (None of the three forums is affiliated with Commodore, maker of the Amiga.)

Offering a range of Amiga products, the vendors represented are Avant-Garde, Impulse, SoftCircuits, Syndesis, *Transactor* magazine, MicroIllusions, New Horizons Software, C-Ltd., ASDG, Gold Disk and DesignTech Business Systems.

So, whether you're an artist, programmer or just shopping for third-party software for your Amiga, the three Amiga forums are a friendly place to visit.

Shop On-line
and find out how the pros do it!



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- **User-friendly convenience.** We're open 24 hours a day, 7 days a week. Browse on-line, order on-line, and have your purchases delivered to your door. Simple menus and step-by-step instructions make it easy.
- **Tremendous selection.** Without leaving the comfort of your home or office, compare makes and models, compare name-brands—best of all, compare prices!
- **Lowest-price guarantee.** If you can find a lower price on an item you buy from us, we'll refund the difference.*
- **Double warranties.** You can double the manufacturer's warranty up to one year at no additional cost.*
- **Free catalogs.** We'll keep you informed about our latest "Best Buys" and exciting additions to our database of fine products!
- **Enroll today.** Sign on to CompuServe and enter **GO SAC** to have full membership privileges for 3 months for just $1. Then, unless you notify us, we will continue your membership and bill you for the low annual fee of $30. And, of course, you can cancel and receive a full refund at any time during the first year.

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A GUIDE TO COMPUSERVE'S ELECTRONIC MALL NOVEMBER/DECEMBER 1988

Free Mall-wide shopping launches holidays. Schedule inside!

The Mall's guide to gift giving and getting

Shop early and get a $5 usage credit

Confections by keyboard: Godiva to go

Find fine jewelry for every occasion at Got Rocks

Get caught under the mistletoe at Walter Knoll

THE ELECTRONIC MALL®

Holiday Bazaar '88

- What to buy for the impossible-to-please
- How to host an online shopping soiree
- When you can talk to Santa and his helpers — **live**

DEAR SHOPPER

Dear Shopper,

Try to stump Santa. Go ahead. Tell him your holiday shopping problems—Uncle Max in Kansas; your dad, who has everything; the lady you'd like to woo and win—and rest assured he'll come up with a solution. His secret? Why, The Electronic Mall, of course! That's because, this year, The Mall is bigger and better than ever. Where else in the world can you shop Bloomingdale's, Brooks Brothers and The Metropolitan Museum of Art, all at 3 a.m.?

This year, your holiday shopping can be a pleasure. At your fingertips you'll find the absolute latest in software, books, videos and CDs; gifts that range from the eccentric to the practical; gourmet aperitifs, Christmas cookies, Florida oranges and rattlesnake meat! Visit The Mall and you'll enjoy free connect at many merchants. Plus, you'll have the chance to win one of many holiday prizes, including a chocolate kiss from Walter Knoll Florist, a holiday turkey from Simon David and a connect credit from CompuServe.

Step inside the pages of *Go Mall*. Then step inside The Mall. Remember, from Nov. 1, there are only 1,296 shopping hours 'til Christmas!

Electronically yours,

Cindy Morgan

HOLIDAY BAZAAR '88

It's an Electronic Mall Christmas!

It's Christmastime and shopping has never been easier! This year, shop The Electronic Mall and avoid holiday rush shopping headaches.

You'll find virtually every gift you're looking for online, quickly and easily. Nearly 100 merchants, including stores such as Bloomingdale's, Pepperidge Farm and Brooks Brothers, showcase thousands of gifts and services for your selection.

To make the most of your shopping trips online, visit Holiday Bazaar '88, a festive database, featuring:

- *Electronic Gift-Giving Guide*. Including more than 400 great gift ideas in The Mall.
- *Talk To Santa*. Leave a message for Santa and get a personal EasyPlex response. Send your wish list or consult with him on gift ideas.
- *Holiday Happenings*. An online schedule of events, contests and free shopping days during the season.

Plus, electronic holiday greeting cards, recipes, trivia and much more!

Get a $5 credit by shopping early.
Start your holiday shopping early this year and qualify for a CompuServe usage credit. The first 1,000 shoppers to make a purchase of $50 or more at The Mall beginning 12:01 a.m., Nov. 1, will receive a $5 usage credit. There's nothing to it. If you are among the first 1,000 to qualify, the credit will automatically be issued to your account.

Two days of free Mall-wide shopping.
To celebrate the traditional launch of the holiday shopping season, The Mall will host two days of free connect time on Thanksgiving, Thursday, Nov. 24, and on Friday, Nov. 25.

Online from the North Pole ... it's Saint Nick.
On three Saturdays—Nov. 26, Dec. 3 and Dec. 10—talk to Santa and his helpers *live* at The Mall. Bring the entire family and join the fun.

The Mall has a free gift for everyone who stops by. There will be holiday pop quizzes, prizes and more. Watch "Holiday Happenings" for details.

DEAR SANTA

Dear Santa,

My husband has everything. Any suggestions?

Candy
Greenwich, Conn.

Dear Candy,

Trust me—no one has everything. Does your husband, for example, have *Strip Poker II* software for his computer? (GO SDA) How about a solar-powered battery charger? (GO LS) A cashmere kimono? (GO IO)

Has he ever dined on rattlesnake meat? (GO SIM) Or sipped a cup of the world's best coffee, Jamaican Blue Mountain? (GO COF) Have you thought about whisking him away for a week in Monte Carlo (GO AF) or a week at a luxury resort condominium in Hawaii or the Caribbean from ENDLESS VACATION TRAVEL (GO EV)?

Surely, he doesn't have a 1989 calendar. Try Brooks Brothers' Desk Diary (GO BR) or The Metropolitan Museum of Art's David Hockney calendar (GO MMA).

Happy shopping!
Santa

Dear Santa,

I hate to shop, but I have got to get *something* for my wife. Any suggestions?

Larry
Boulder, Colo.

Dear Larry,

Even if you hate to shop, you'll like The Mall. Shopping here is stress-free. As for your wife, here are a few ideas: something silky from Inside*Outside Lingerie (GO IO) ... a bottle of her favorite cologne from Harris' Scent-Sations (GO HR). If you're not sure what her favorite is, they'll be glad to help you.

Try a high-tech kitchen toy from Bloomingdale's: maybe a Takka pasta maker, a Cuisinart Mini-Mate or a Salton Cool Touch toaster (GO BL). Indulge her with a breakfast-in-bed tray from Crabtree & Evelyn (GO CR) or promise her Paris (GO AF).

That's just for starters. If you're still stuck, write back!

Season's greetings,
Santa

Dear Santa,

What should I get for my 89-year-old grandmother who lives in New York City?

Mark
St. Louis, Mo.

Dear Mark,

What grandmother wouldn't love "A Bucket of Love?" It's a bucket brimming with 10 varieties of Pepperidge Farm cookies (GO PF). Gourmet foods make great gifts for seniors. Try The Mall's Gourmet Food & Flower department for a great selection.

Other ideas? How about Crabtree & Evelyn's rose gift box? (GO CR) Or consider an Iznik wool shawl from The Metropolitan Museum of Art (GO MMA). Finally, how about a picture frame with a photo of her favorite grandchild (You?). (GO BL)

Merry Christmas,
Santa

Go Mall

***Go Mall*, November/December 1988**
Volume 2 Number 6

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Find decades of music on compact disc at Discovery Artists.

"LayLa," "Green-eyed Lady,*" "Gimme Some Lovin'," "It's Alright Now*"—all classic rock 'n' roll hits of the '60s that are still listened to in the '80s. If you know all the words to "Wild Thing" by The Troggs, then, quite possibly, there's a stack of scratchy records in the back of your closet ready to be replaced.

This new Mall merchant invites you to relive all your favorite classics—the long versions—on digitally recorded CDs. Plus, add to your CD collection by choosing from a wide range of contemporary rock, easy listening and party collectibles.

CDs last virtually forever and require little care.

All-time party greats.

Discovery Artists also features a large selection of nostalgic party tunes such as "Louie Louie," "Devil with the Blue Dress" and "Rescue Me." No matter what size the party, the music will be a hit with classics from Discovery Artists.

*Available on PD ROM disc only on the Discovery Artists label.

Easy does it.

When your mood is slower and more pensive, Discovery Artists offers its Ambiance series of compact discs. Each disc contains more than 70 minutes of instrumental music, carefully selected to complement a variety of settings. From rich jazz to soft, romantic sounds, the Ambiance series provides music for every relaxing occasion.

CDs from Bach to rock from Discovery Artists

When it comes to expanding your CD collection, make Discovery Artists your connection. GO DA

Discovery Artists' grand-opening, free-connect weekend: Nov. 12 and 13.

LifeSpan makes emergencies less threatening and the rest of life a little nicer.

In any serious accident, time is precious and medical decisions critical. Conscious of this, LifeSpan, a new Mall merchant, offers you EMERGICARD. It fits easily in your wallet and makes your medical history readily available in the event of an emergency.

In LifeSpan, which is staffed by medical professionals, several other health-related products are available, including LifeLine—a personal emergency response system linked to 24-hour emergency assistance. By sounding for help at the push of a button, help is on its way.

LifeLine is perfect for elderly persons living alone, ensuring the security of emergency help at their fingertips. And it gives you peace of mind knowing that they're never left alone.

Everyday life enhancements.

Also online are products that enhance your life in a variety of ways. Choose from a range of solar-powered products, including The WalkLite and The Mini SunCharger, a 3-volt battery charger and power source.

Other fun items include Rock 'n' Write, the radio pen; Sonic Sensorbeam, the key finder; and the RockKlok wristwatch.

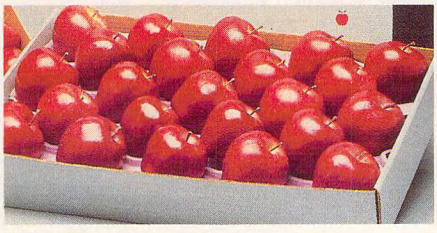
In addition, LifeSpan offers leading computer products such as colored diskettes and The Learning Company's line of educational software for children.

To make your family's lives a little safer, a little nicer, GO LS.

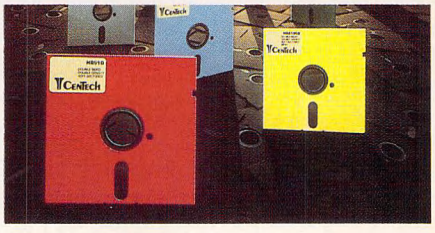
LifeSpan's grand-opening, free-connect weekend: Nov. 12 and 13.

Autohelm personal compass

RockKlok natural stone-faced wristwatches



Fresh apples



Color-coded disks

Enjoy competitive prices at Competitive Electronics and Appliances.

Fax machines, VCRs, microwaves, typewriters and telephones are some of the items you'll find at Competitive Electronics and Appliances. All merchandise is available at competitive, discount prices.

Competitive Electronics and Appliances' Home and Office Equipment department features copiers, calculators and more. Four models of Sharp Personal facsimile machines are showcased, ranging in price from $795 to $1,219. Comparison shop at your leisure, online.

Most products are backed by a manufacturer's warranty. And extended warranties are available at a nominal price.

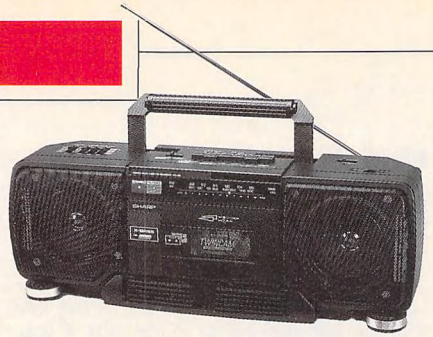
Gift ideas for the health-conscious. Just in time for Christmas gift-giving, Competitive Electronics and Appliances features a line of unique home health products and monitoring devices. Keep a closer watch on your health, electronically, with a blood-pressure machine, calorie counter or scale.

Receive a free calculator with any purchase, while supplies last. To welcome you to its new Mall store, Competitive Electronics and Appliances will give you a free pocket-size calculator or Timex watch. No purchase necessary. Look online for details.

Explore the online store, request free manufacturers' brochures and take advantage of Competitive Electronics and Appliances' free quote service for makes and models not shown online.

Competitive Electronics and Appliances provides excellent savings and service right online. GO CEA

Competitive Electronics and Appliances' grand-opening, free-connect weekend: Nov. 12 and 13.



Sharp double cassette AM, FM player

Sharp Carousel II microwave

Find fine jewelry for every occasion at Got Rocks.

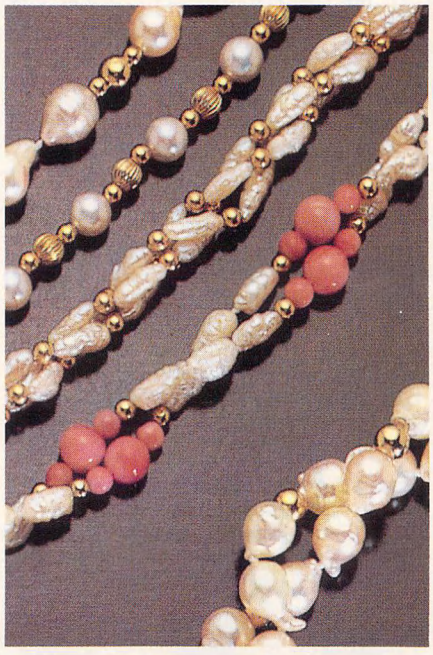
Show her how much you care this holiday season with a cultured pearl necklace from Got Rocks, a new jewelry merchant on The Mall. Showcased here is a selection of cultured pearl jewelry, genuine stone necklaces, bracelets, earrings and ladies' fashion rings.

The Imperial Ensemble line features fine quality cultured pearls in a variety of styles and lengths. Choose from the simple 10-inch strand, the 18-inch princess necklace or the elegant double-choker strand. Slip on a 7-inch bracelet and add a subtle touch of class to any attire.

Browse an impressive display of 14 kt. cultured pearl enhancers, earrings, pins and rings. Or for a more unique look, try one of Got Rocks' cultured pearl pieces, with 14 kt. gold beads or semiprecious beads, pearls and genuine stones.

For free catalogs, brochures and fine jewelry, GO GR.

Got Rocks grand-opening, free-connect weekend: Nov. 5 and 6.



Pamper your pets with hotel accommodations. From Traveling With Your Pet.

If finding accommodations for your pet before leaving on a trip is a constant hassle, you'll gladly welcome one of The Mall's newest merchants, Traveling With Your Pet.

Traveling With Your Pet is a database service offered by Data Link that helps you search across America by city and state for hotels and motels that welcome pets. Listed online are an address and phone number for each hotel that provides pet accommodations, plus details on advance reservation requirements.

Also listed for each hotel are available amenities, such as pool, restaurant, cable and more. And this service is offered at no additional charge.

For your next trip, arrange living accommodations for a four-legged traveling companion. GO TP

Traveling With Your Pet's grand-opening, free-connect weekend: Nov. 19 and 20.

From 1st Run: fast, affordable data transfer at your fingertips.

In today's business climate, data is a vital resource. But when it comes to incompatible computer systems or "trashed" disks, data exchange seems nearly impossible without mailing the entire disk or hard copy.

Thanks to 1st Run Computer Services, these problems can be overcome. 1st Run is an electronic service bureau that specializes in fast, economical data transfer. Disk-to-disk, tape-to-disk, tape-to-tape and hard copy-to-disk conversions are offered.

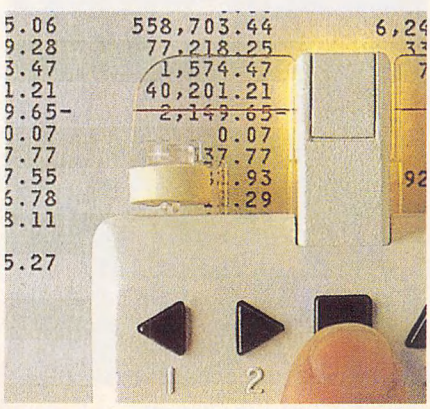
Staffed with experts, 1st Run is always available to help you select the most cost-effective method of data exchange.

In addition to its expertise in data exchange, 1st Run offers optical scanning and image scanning. By using its sophisticated scanning equipment, 1st Run can save you the time, money and inconvenience associated with rekeying.

Visit this new Mall merchant online for a custom quote on any project. Request a free brochure of services. And browse select products in the online catalog.

To accommodate your data transfer needs, GO FR.

1st Run's grand-opening, free-connect weekend: Dec. 10 and 11.



Saba handscan

It pays to join National Computer Warehouse Club.

Enjoy discount prices on all Tandy/Radio Shack products at new Mall merchant National Computer Warehouse Club. Save on everything from cellular phones to computer hardware.

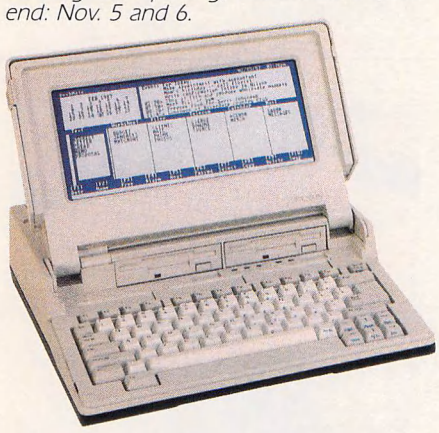
More than just discount prices.
Every month The Club holds a sale on selected computer hardware items to offer you even bigger savings. And to help you plan all your purchases, The Club gives up to three weeks advance notice of price reductions over Hotline, its own news service for new products and sales.

The Club provides fast, same-day shipment and manufacturer's limited warranty. An additional 3 percent discount on purchases more than $100 is available with certain payment methods. Your first purchase qualifies you for free lifetime membership in The Club.

Holiday gift-list ideas.
For people on the go, consider a Tandy portable cellular phone or a Tandy 102 portable computer with 24K RAM. To illustrate the savings you'll find at The Club, the Tandy 102 has a suggested retail price of $499, but you can get it here for just $386.

To drop by The Club, GO NCW.

National Computer Warehouse Club's grand-opening, free-connect weekend: Nov. 5 and 6.



Tandy 1400 LT

Tandy 1000 TX

Explore investment opportunities online at Dreyfus.

The concept of mutual funds is simple. It's a way for individual investors to share in a professionally managed pool of investments. But because there are so many mutual funds, the new investor can become confused and overwhelmed.

Dreyfus, one of the nation's largest managers of mutual funds, has opened an office in The Mall and is ready to counsel investors with any size portfolio. Currently, Dreyfus offers more than 40 different funds, including tax-free income, long-term growth, growth and income and income with stability. No matter what your financial goals and needs are, Dreyfus most likely has a fund designed to meet them. Through The Electronic Mall, Dreyfus makes exploring investment opportunities easy and convenient.

Visit Dreyfus online and receive a list of potential funds that meet the needs of your investment goals. Compare the funds electronically and request a free prospectus on any Dreyfus fund of interest.

Also featured online is a selection of federally tax-exempt funds, special funds for New York and California residents, and tax-free funds for residents of New Jersey and Massachusetts. Online charts demonstrate the tax advantages of these funds. A free prospectus can be ordered online for all.

Credit card quiz.
Dreyfus Consumer Bank offers consumers a better deal on credit cards than many banks do. Take a short quiz online to help you decide which Dreyfus credit card is best for you—The Dreyfus Silver MasterCard® or the Dreyfus Gold MasterCard. Applications for both can be requested online.

To explore the wide array of Dreyfus investment opportunities, GO DR.

Dreyfus' grand-opening, free-connect weekend: Nov. 19 and 20.

Write your own insurance policy through AutoWrite™.

With AutoWrite, an exciting new self-service insurance distribution service for personal computer owners, buying life insurance has never been easier. Now, through this interactive service, you can buy the insurance you need at competitive rates.

AutoWrite provides the information you need to make an informed buying decision, then you write your own policy. Step-by-step, this unique program allows you to review the coverage offered, evaluate costs, decide if you want to buy, and then complete the application procedure, online. Shopping for insurance has never been easier or more fun.

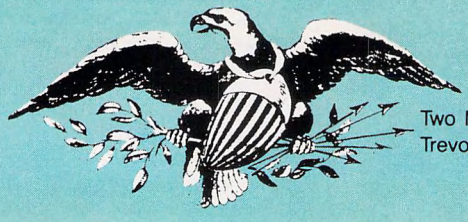
Even if you know absolutely nothing about life insurance, AutoWrite is for you. The program includes a short refresher course in life insurance and an explanation of the differences between term and ordinary life insurance.

You decide what's best for you. Compare prices for different premiums, and discover how affordable life insurance can be. If you're under 35, for example, you pay only $19 a year for $10,000 of term life insurance. Apply for $10,000, $20,000, $30,000 ... up to $100,000 of coverage. A unique interactive program shows you what your premiums will be now, and in years to come.

You owe it to yourself and your loved ones to discover AutoWrite today. GO IN

Grand-opening, free-connect weekend: Nov. 12 and 13.

AutoWrite™
Insurance that's *bought*, not sold.
a service of
American Eagle Insurance Agency



Two Neshaminy Interplex
Trevose, PA 19047-9905

Rent Mother Nature®: Gifts of nature's bounty.

Rent a maple tree. Lease a lobster trap. Hire a beehive. Time-share a smoke house. The concept is simple. The folks from North Country Corp.'s Rent Mother Nature do all the work of tending, harvesting and processing the natural crops. Your family, friends and business associates reap the rewards of the harvest. And you get rave reviews.

For unusual, distinctive and memorable gifts that last all year and are bound to please, Rent Mother Nature offerings are unbeatable.

How Rent Mother Nature works.

Your gift begins with an authentic lease document accompanied by a greeting leaflet announcing your generosity and describing how the Rent Mother Nature program works. Suitable for framing, leases are printed on parchment paper, embossed with a gold seal, and hand inscribed for a personalized touch.

As the months roll by and Mother Nature nurtures the crops, the recipient of your gift is kept posted with periodic progress reports on activities in the Sugar Bush; buzzings about the apiaries; or news from the North Atlantic waters, where lobster traps are set.

Finally, fruition: delivery of the most delicious harvests right to the gift recipients' doors.

Results are guaranteed with set amounts. Your gift recipient will receive the actual output of a tree, hive or trap ... which may result in a bonus if there's a bumper crop.

Complete details of each leasing program can be found online at Rent Mother Nature.

Rent a bee hive

Lease from Mother Nature's bounty

Gifts for right now, too.

There's also a selection of gifts from North Country that requires no lease arrangements, including a Yankee breakfast set, soapstone griddle, antique sap bucket and stocking stuffers.

Once you're a partner in the Rent Mother Nature plan (either as a donor or recipient), you also earn the right to buy directly from North Country's Private Larder—maple syrup, honey, lobsters and smoked delicacies delivered immediately, upon request, and at preferred prices.

For a concept in gifts as unique as it is palatable, GO RM.

Rent Mother Nature's grand-opening, free-connect weekends: Nov. 19 and 20, Dec. 10 and 11.

From CounTree Reflections: North Carolina fraser firs now delivered to your door.

Grown in the mountains of North Carolina, the fraser fir is one of the finest Christmas trees money can buy.

This year, order your Christmas tree online through the new merchant CounTree Reflections. Each sturdy, mountain-grown tree is seven to eight years old and averages six to eight feet in height. A deeper green in color than most trees, the fraser fir features strong boughs and soft needles and stays fresh through the holiday season. Delivered directly to your door, your tree comes with a complete money-back guarantee.

The fraser fir has won the White House Christmas Tree Contest for the last five years and is available in heights up to 45 feet. Contact CounTree Reflections through its special order service and request a quote. You can also order tree stands online.

Free brochures.

Stroll through CounTree Reflections' online lot. Request a free brochure on the fraser fir. Then, order your tree online.

For trees to go, GO CT.

CounTree Reflections' grand-opening, free-connect weekend: Nov. 19 and 20.

Fraser fir

Go first class with Sharon Luggage and Gifts.

Whether your travel takes you across the country or across town, now first class is affordable with Sharon Luggage and Gifts.

This new online baggerie is stocked with an array of elegant luggage, travel accessories, leather goods and gifts.

Luggage selections include products from some of the finest American manufacturers, such as Hartmann, Andiamo and Le Sportsac, as well as exclusive designs from Europe and the Orient.

Whether it's a classic portfolio for that key business meeting or a nylon duffle for that weekend getaway, Sharon Luggage and Gifts has you covered. All gifts can be monogrammed with three initials and shipped to your door, within the continental US, free of charge.

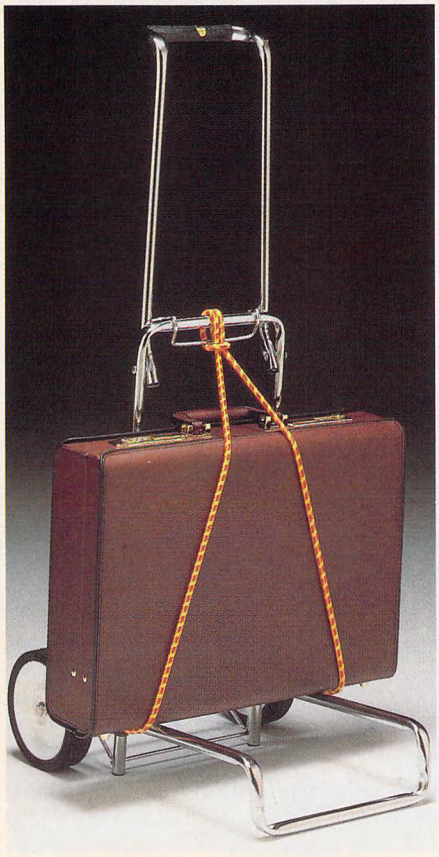
A gallery of gifts.

For the man in your life, consider a pocket electronic chess or backgammon board. For her, choose a suede leather jewelry roll or the electronic hair remover from Epilady.

To make traveling more convenient, Sharon Luggage and Gifts carries a travel coffee maker, an electronic money converter and powerful pocket binoculars.

For travel and gift-giving of the first class, GO SL.

Sharon Luggage and Gifts grand-opening, free-connect weekend: Oct. 15 and 16.



Confections by keyboard: Godiva to go.

The legend of Godiva chocolates began more than 80 years ago when Joseph Draps, a Brussels chocolatier, perfected his recipe for what was to become widely acclaimed bonbons.

Like the legendary lady of Coventry (whose name he selected for these exquisite candies), Godiva's fame soon spread throughout Europe. Today, Godiva chocolates are still made from the same master Belgian recipes.

Now, through Godiva's new Mall confectionary, elegant gourmet chocolates are at your fingertips.

For holiday gift-giving, consider one of Godiva's gold ballotin selections. These classic boxes of chocolates are available in ¼-, ½-, 1-, 2-, 3-, 4-, 10- and 20-pound assortments.

For stocking stuffing, stock up on Godiva chocolate bars. For the sports enthusiast, select Godiva's set of milk chocolate golf balls, milk chocolate tennis balls filled with a praline crunch, or shotgun shells—praline-filled, milk chocolate ammo.

The Godiva gift certificate.

Still undecided? Opt for the Godiva gift certificate. It's perfect for anyone who likes to indulge.

Also online is Godiva's corporate gift-giving program, an effortless, elegant and surprisingly economical way to remember clients, employees and business associates.

Godiva packages and ships all of its products with utmost care and includes gift cards. If not completely satisfied with your purchase, Godiva promises a prompt replacement, exchange or refund.

For the best in chocolate, GO GC.

Godiva Chocolates' grand-opening, free-connect weekend: Nov. 12 and Nov. 13.

HOLIDAY SAMPLER

We've scoured The Mall for items that will make this year's holiday season the most festive ever. From plum-perfect pudding to Waterford crystal, you'll find the Christmas accoutrements that follow just keystrokes away.

Tabletop spruce. Decorated with tiny glass balls and a silver bow. Twelve to 15 inches high. Growing and care instructions included. From Pepperidge Farm. GO PF

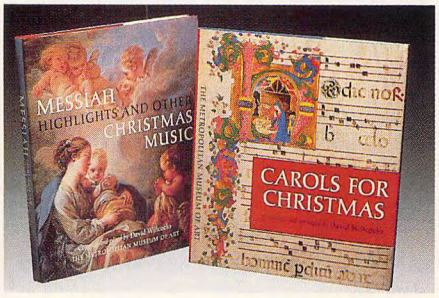
Sounds for the season.
A Winter's Solstice, Vols. I and II. Various Windham Hill artists perform original material and classics. GO WH

▲ Turn a tabletop into a yuletide celebration.
Hobby Christmas tree kit. The perfect size to set on top of a TV or coffee table. All kits are shipped within 24 hours and include an 18-inch artificial pine tree. From Walter Knoll Florist. GO WK

For Comet, Cupid, Donner and Blitzen.
Fancy fantasy reindeer food. From Pet-Works. GO PW

▲ Christmas cards that are works of art.
Remember family and friends with cards from The Metropolitan Museum of Art. GO MMA

Christmas candlelight.
Cast a glow with Christmas floating candles, country kitchen candles or scented taper candles. From The Stationery Center. GO SC



▲ Illustrated Christmas carols.
Carols for Christmas. A splendid songbook, beautifully illustrated with images of the story of Christmas from the museum's collections.

Messiah: Highlights and Other Christmas Music. Handel's glorious *Messiah* and other favorite musical selections are combined with illustrations of works of art from the museum's collections. From The Metropolitan Museum of Art. GO MMA

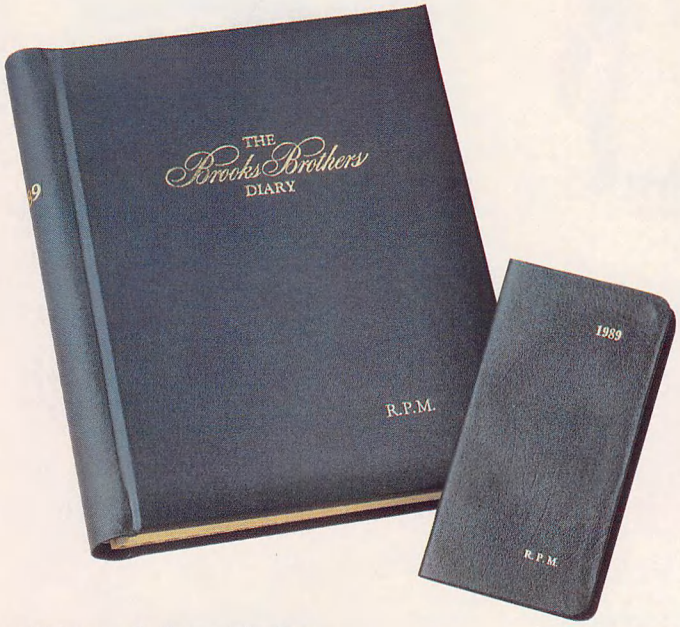
Pudding that's plum perfect.
Plum pudding with brandied hard sauce. An olde English holiday tradition. From Pepperidge Farm. GO PF

Christmas collectibles from Bloomingdale's. Visit Bloomingdale's Christmas department at The Mall for an array of Christmas collectibles from Lenox, Waterford and more. GO BL

Waterford crystal

Lennox tree-top ornament

▼ A new holiday classic. *The Cat Who Came for Christmas* by Cleveland Amory. From Penguin Books. GO PB



▲ Dapper daily reminders. Brooks Brothers' pocket and desk diaries for 1989. GO BR

This year, make your own movies. Video camcorder. Film your own holiday magic. From Competitve Electronics and Appliances. GO CEA

Home Video Producer-Epyx. Personalize them with this new software program. More than 75 sharp, full-color graphics, eight decorative borders and 10 typefaces, plus an imaginative assortment of special effects. From Computer Express. GO CE

Flights of fantasy. 1989 Forgotten Realms Fantasy calendar. Fourteen magnificent painting-quality posters from top fantasy artists. From TSR Games Shoppe. GO TSR

Each 1989 calendar is a statement of taste. Select the Degas engagement calendar ... the David Hockney or Georgia O'Keeffe wall calendars ... the Quilts monthly desk calendar. From The Metropolitan Museum of Art. GO MMA

▲ To hang by the chimney with care. An old-fashioned, felt Christmas stocking stuffed with pecans, an apple, an orange, grapefruit, peppermint sticks and an oatmeal cookie. Includes your name, embroidered. From Florida Fruit Shippers. GO FFS

THE MALL'S 12 DAYS OF CHRISTMAS

On the first day of Christmas, send your true love...

An African safari.
From Air France. GO AF

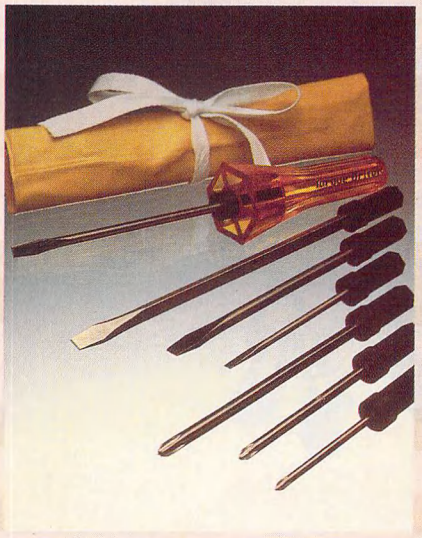
On the second day of Christmas, send your true love...

Two terra-cotta cherubs.
From The Metropolitan Museum of Art. GO MMA

On the third day of Christmas, send your true love...

Three chocolate floppy disks.
From Some Things Special. GO SP

On the seventh day of Christmas, send your true love...



A seven-blade screwdriver kit.
From PanSon Electronics. GO PS

On the eighth day of Christmas, send your true love...

Eight sirloin strip steaks.
From Simon David. GO SIM

On the ninth day of Christmas, send your true love...

Nine months of fruit.
From Florida Fruit Shippers. GO FFS

On the fourth day of Christmas, send your true love...

Four blends of coffee.
From Coffee Emporium. GO COF

On the fifth day of Christmas, send your true love...

Five Bloomie's bear soaps.
From Bloomingdale's. GO BL

On the sixth day of Christmas, send your true love...

Six seafood soups.
From Pepperidge Farm. GO PF

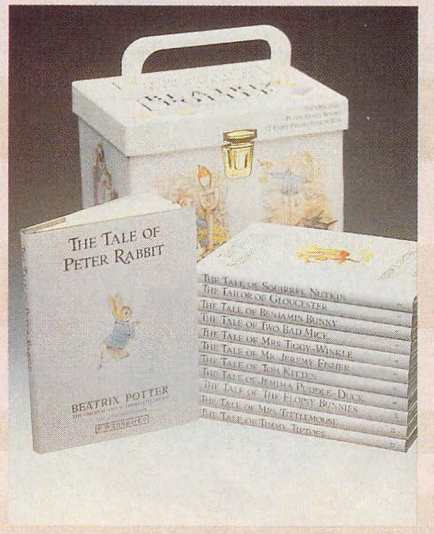
On the tenth day of Christmas, send your true love...

Ten Lilies of the Valley.
From Williams & Eeden Garden Center. GO WE

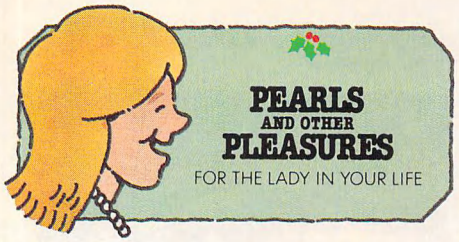
On the eleventh day of Christmas, send your true love...

An 11-piece personal computer tool kit.
From R+R Direct. GO RD

On the twelfth day of Christmas, send your true love...



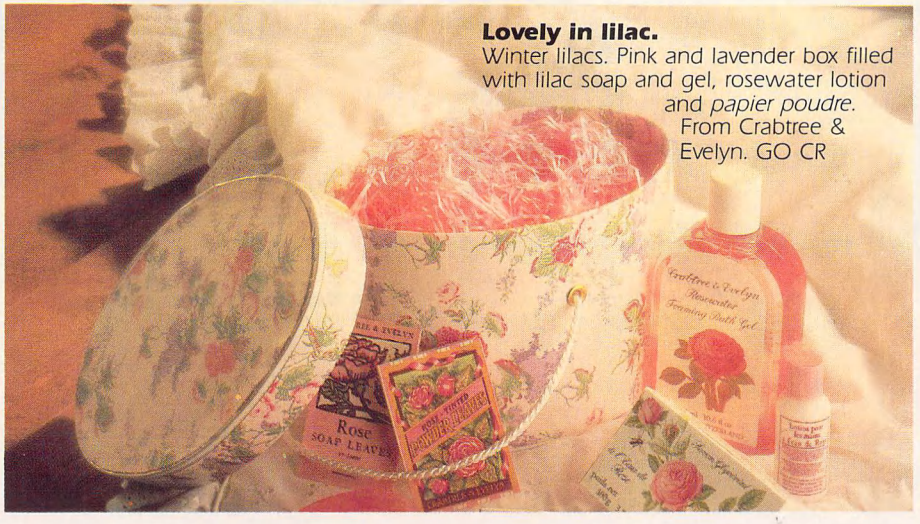
Twelve Beatrix Potter books.
From Penguin Books. GO PB



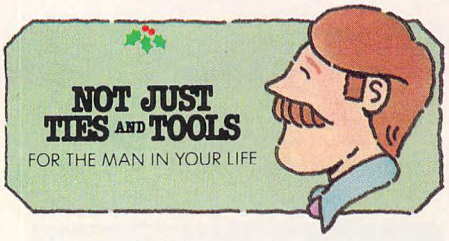
▲ Three-tiered Japanese flora box.
Chrysanthemum box. Inspired by traditional Japanese lacquer boxes, these three-tiered boxes combine utility with beauty. From The Metropolitan Museum of Art. GO MMA

► Polarized lenses wrap you for adventure.
Carrera—Porsche, gray, polarized, non-prescription lenses. Exclusive wrap design. Great for skiing, sailing or cycling. From Elite Eyewear. GO EE

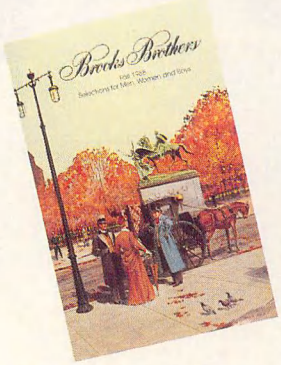
New Fragrances.
Lou Lou by Cacherel and Knowing by Estee Lauder. Plus old favorites, including Chanel No. 5 and Passion. From Harris' Scent-Sations. GO HR



Lovely in lilac.
Winter lilacs. Pink and lavender box filled with lilac soap and gel, rosewater lotion and *papier poudre*. From Crabtree & Evelyn. GO CR



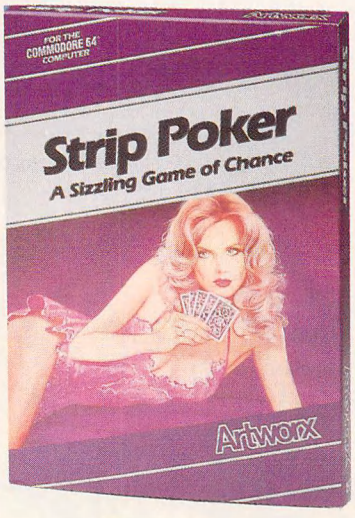
"Not So Great Moments in Sports" video.
A video anthology of unforgettable (and some forgettable) athletic goofs. From Waldenbooks. GO WB



The gift of distinction.
A Brooks Brothers' gift certificate. Available in denominations of $25 or more. From Brooks Brothers. GO BR

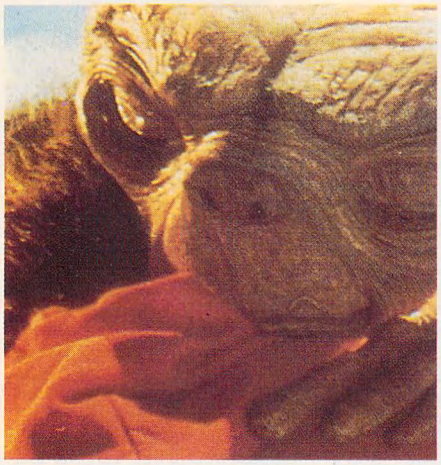
Knockout pleasure reading.
Joe Louis: 50 Years An American Hero. A son's intimate and revealing portrait of his father—boxing's immortal "Brown Bomber." From McGraw-Hill Book Co. GO MH

▼ No pain, no gain.
All-new! Dual-action, air-resistant bicycle. Provides a complete aerobic and anaerobic workout for optimal cardiovascular health. From Hammacher Schlemmer. GO HS



▲ Adult fun from Software Discounters.
Strip Poker II (digitized). Software for the Apple II, Apple IIgs, IBM and Atari ST. Features realisitic graphic opponents. From Software Discounters of America. GO SDA

Ol' Blue Eyes on CD.
Frank Sinatra on CD, including old favorites such as "Ol' Blue Eyes," "My Way," "Strangers In The Night" and "That's Life." From Express Music. GO EMC



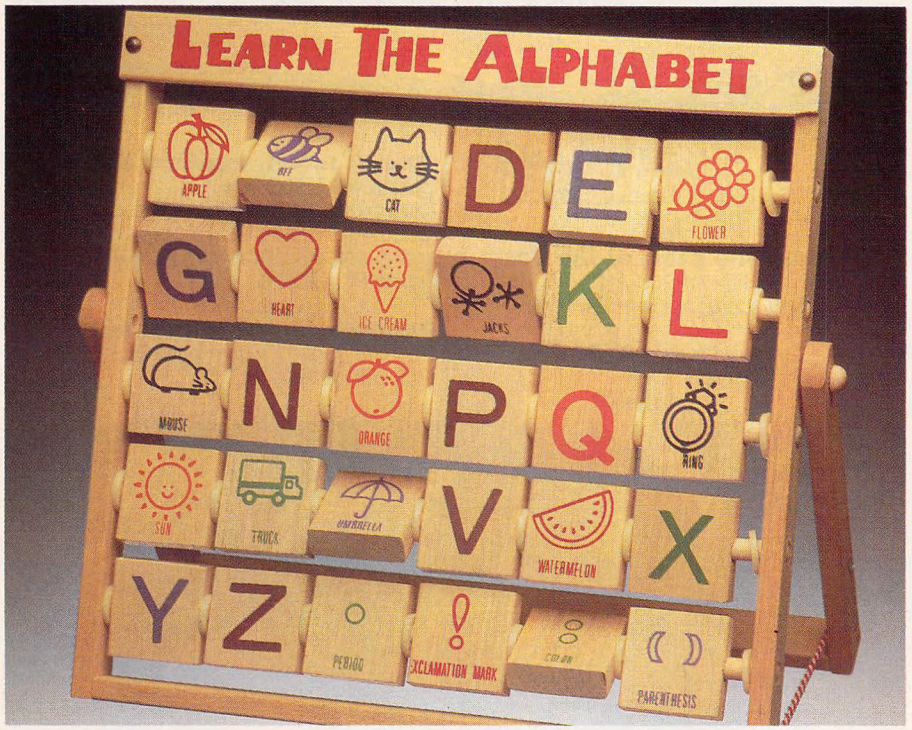
▲ Watch "E.T." at home.
E.T. is here! The most endearing creature to appear from outer space in years. Supplies limited. Hurry! Order now. From Magic Castle Video. GO MV

Bedtime bandit.
Raggy Raccoon. A ring-tailed rascal that will steal your heart! From Hobby Center Toys. GO HC

Tick, tock.
Bunnykins® nursery wall clock. Imported from England by Royal Doulton. From Bloomingdale's. GO BL

"The Red Balloon" video.
A classic for all ages about a boy and a balloon. From Waldenbooks. GO WB

▲ A companion for bear hugs.
The ultimate teddy bear. Kodiak's got a potbelly and soft, silky fur. Sitting, he's nearly 3 feet tall and weighs 15 pounds. From Williams & Eeden Garden Center. GO WE

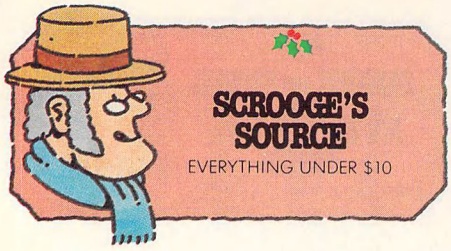


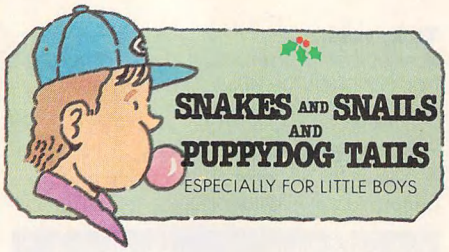
▲ Learn the ABCs.
This hardwood alphabet board develops your child's spelling skills and vocabulary. With easel base. From Hobby Center Toys. GO HC

▲ Make her a part of her favorite fairy tale.
Mother Goose tea set. Inspired by the watercolor illustrations of Kate Greenaway from the *Mother Goose Sketchbook*, now in the collection of The New York Public Library. From The Metropolitan Museum of Art. GO MMA

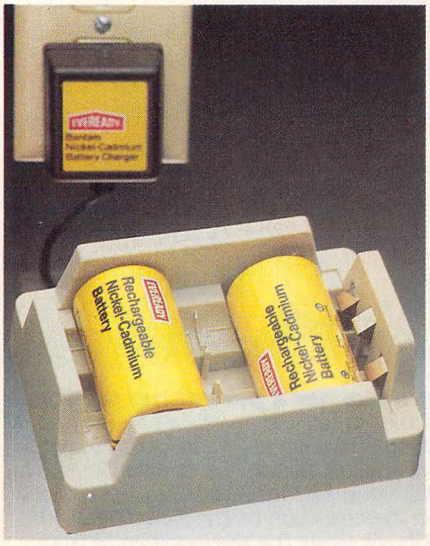
Lost her sheep?
Little Bo Peep doll. From Hobby Center Toys. GO HC

▲ To dress a budding ballerina.
Little girl's tutu. Cotton knit, embroidered top with rhinestones and net skirt. Toddler's and girl's sizes. From Inside * Outside Lingerie. GO IO

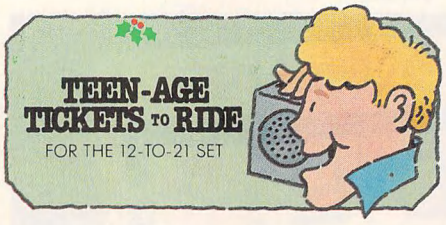




▼ Put him on the track to a lifetime hobby.
Marklin beginner train set. LGB passenger train set, Bachman diesel train set. No little boy should be without one. From Hobby Center Toys. GO HC



Don't throw those batteries out.
In 14 hours, you can rejuvenate up to four "AA", "C" or "D" batteries with this battery charger. From PanSon Electronics. GO PS

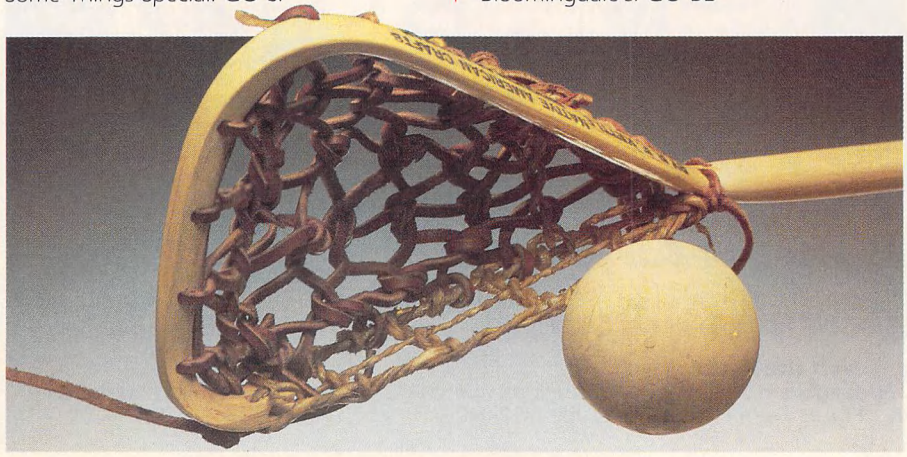


From new age to heavy metal ... on CD.
Hundreds of rock 'n' roll CDs. Suggestions include Sting's "Nothing Like The Sun," George Harrison's "Cloud 9," Bon Jovi's "Slippery When Wet," Pet Shop Boys' "Actually" and a special ZZ Top six-pack of CDs. From Express Music. GO EMC

There's something fishy about this gumball machine.
Gumball fish tank by Five Seasons. An utterly whimsical bubble gum machine that's actually an aquarium. From Bloomingdale's. GO BL

Luggage for the locker room.
Full-grain leather gym bag. From Bloomingdale's. GO BL

▼ Lacrosse: The game of the '90s.
Lacrosse stick. Handcrafted by the people who invented the game, the native Americans of the Northeast. Join one of the country's fastest growing games. From Some Things Special. GO SP



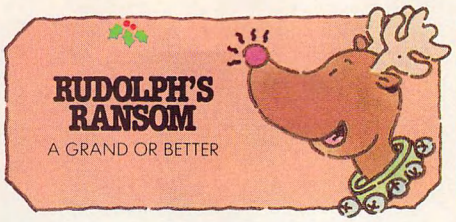
▲ Imported silks.
Imported silk knit bikini. Choose from raspberry, sapphire, white and black. From Inside * Outside Lingerie. GO IO

Bubbly for the tub.
Champagne bubble bath from Bloomingdale's. GO BL

▲ Learn to fly in one work week.
Forty hours of private flight instruction. From Aero/Academy of California. GO AC

Handcrafted cribbage.
Carved ivory polar bear cribbage board. As seen in *Smithsonian* magazine. Hand-crafted by Peter Mayer. From Ivory Cache. GO IV

First double-disc laser disc player.
Pioneer LD-W1 laser disc player. The first to accept two discs at one time; plays all sides without changing or flipping discs. The ultimate player for videophiles. From Magic Castle Video. GO MV

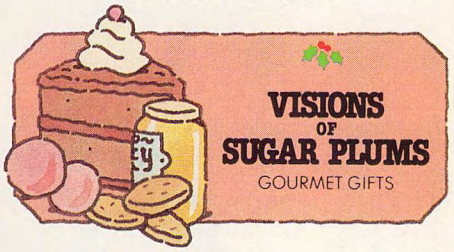


Victorian robe of silk, lace.
Antique lace and silk robe. One of a kind! Victorian pale sable silk with three different antique laces. From Inside * Outside Lingerie. GO IO

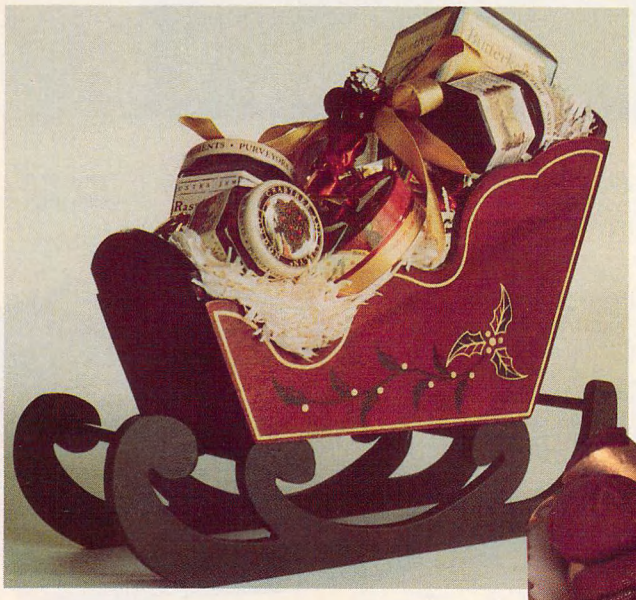
▼ Sink into your own spa.
Tango Spa. Indulge in year-round relaxation. Complete details online. Price includes free delivery, installation and starter chemicals. From Rin Robyn Pool 'N Patio. GO RR

A delight from Down Under.
Australian glazed apricots. A 20-ounce gift-pack. Simply delicious. From Simon David. GO SIM

▼ Gift sleigh.
Minature wooden sleigh packed with a selection of holiday gourmet treats. From Crabtree & Evelyn. GO CR



▼ Chocolate heaven.
Chocolate truffle cake. Silky dark chocolate, subtly enhanced with the finest Dutch chocolate liqueur. Topped with pure whipped cream and dark chocolate chips. From Desserts Direct. GO DS



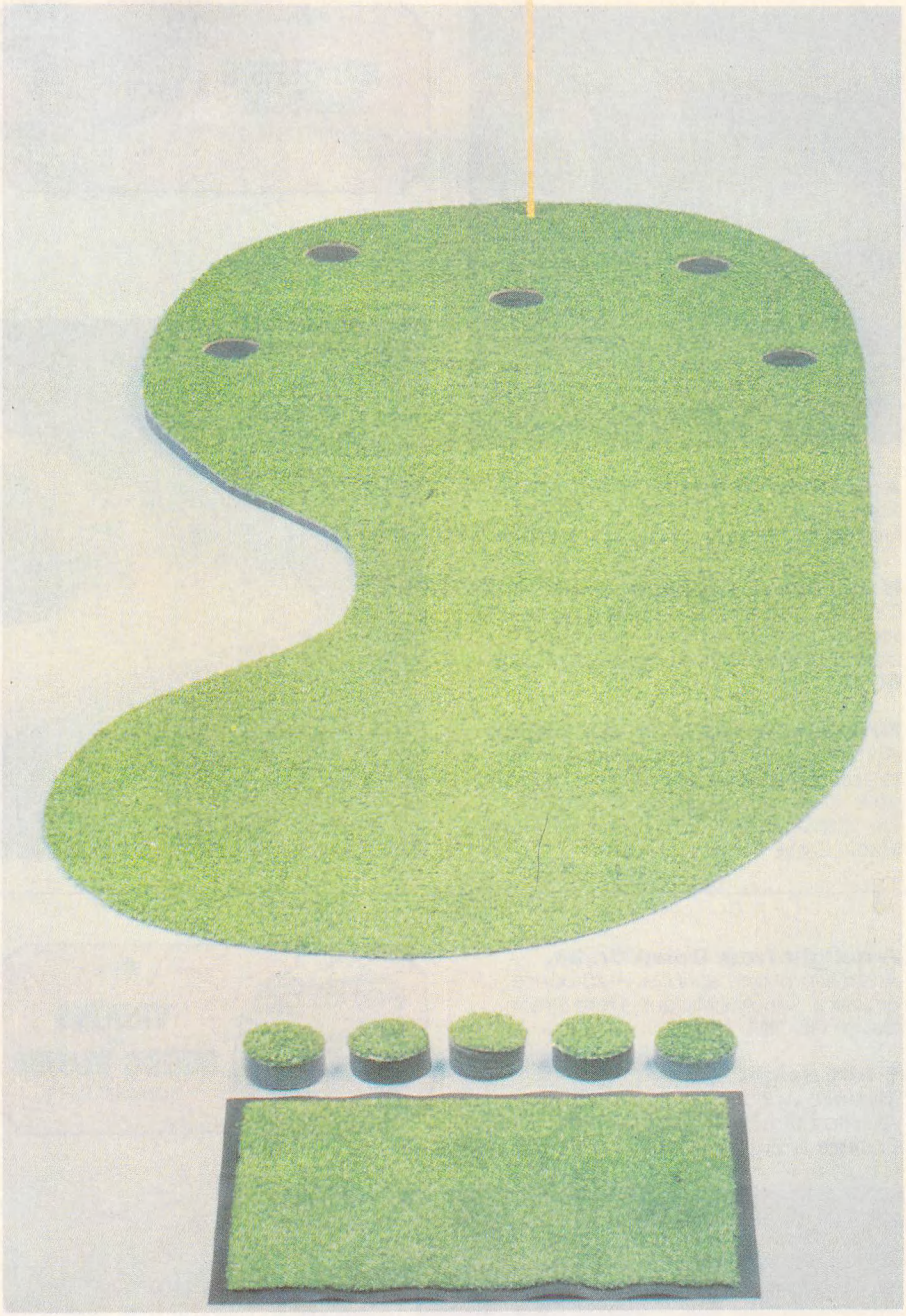
OUT OF THE ORDINARY GIFTS

FOR THE IMPOSSIBLE-TO-PLEASE

Light-hearted holiday greetings.
The Balloon Pack. A balloon embossed with the holiday message of your choice. Anchored by tropical candies and attractively arranged in a two-fifths bushel pack of navel oranges and ruby-red grapefruit. Shipped fully inflated. Balloon stays inflated for months. From Florida Fruit Shippers. GO FFS

If you could read my mind ...
Mindviewer software. An amazing software program that gives you an accurate, in-depth profile of a person's feelings and thoughts. From R+R Direct. GO RD

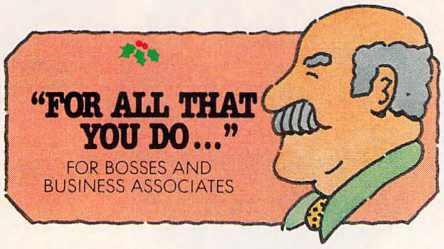
▲ **Adult-only fruitcake.**
Ambrosia Jones "adult only" fruitcakes in Jamaican rum and bourbon pecan. From Coffee Emporium. GO COF



▲ **Fore!**
The two-way indoor putting green. Unique 12-foot indoor putting surface is a practice green with holes at both ends, allowing you to putt back and forth without retrieving balls. From Hammacher Schlemmer. GO HS

Feed me! Feed me.
Carnivorous plant trio. No, these plants don't really say "feed me," but they do derive most of their nitrogen requirements by digesting meat or insects. A three-plant assortment (including the Venus Fly Trap) that's fun and educational for young and old alike. From Williams & Eeden Garden Center. GO WE

► **Important papers.**
Peal & Co. leather business envelope. From Brooks Brothers. GO BR

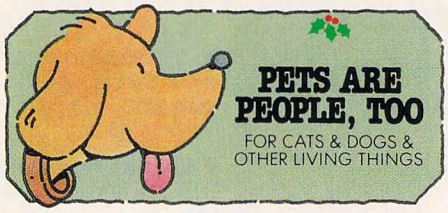


Electronic pocket dictionary.
Word Finder Electronic Dictionary/Thesaurus. Assists you in the correct spelling of 100,000 words, plus 220,000 synonyms are at your fingertips. Small enough to fit in your pocket, purse or briefcase. From R+R Direct. GO RD

The cat's meow.
Jaguar by Baccarat. This sleek, cunning, slinking cat will creep into your life at first glance. Ten inches long. From Bloomingdale's. GO BL

Holiday greenery.
TF Florentine basket bouquet. A silver-plated basket displays twin candles, white pomps, Christmas greens and red velvet bows. From Walter Knoll Florist. GO WK

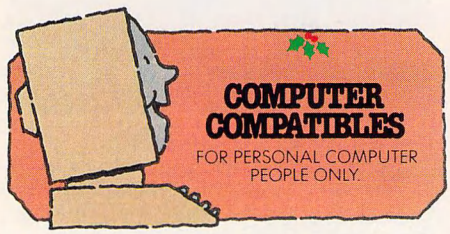
► A tisket, a tasket...
... an Alaskan birch-bark basket. Made by members of the Anana Chiefs Council in Fairbanks and filled with only Alaskan-grown and -made items, including potpourri, tea, salmon and honey. From Ivory Cache. GO IV



Purrrfect dreams.
PetWorks' cat bed. Soft, comfortable and durable. From PetWorks. GO PW

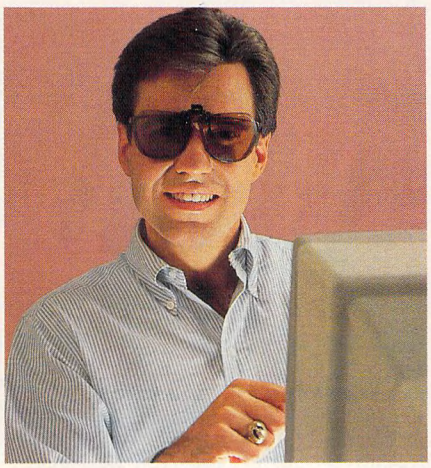
A cat's delight.
Flora for Felines—Catnip and Oats. A captivating planter kit that comes with an enriched, "peat-lite" growing mix and seeds of both catnip and grass (oats) for cats. From Williams & Eeden Garden Center. GO WE

It's a dog's life.
Stocking stuffers. Squeaky latex pacifier, jingle bells, sterilized natural bone and more. From New York Kennel Club. GO KC



DOS do's and don'ts.
Introducing PC DOS and MS DOS, Second Edition. Now updated for DOS 3.3, PS/2 and OS/2, and multitasking. From McGraw-Hill Book Store. GO MH

PC insurance.
Financial protection for your new personal computer. From Safeware Inc. GO SAF



Screen it out.
Comput-Irex. Specially designed clip-on's offer relief from eye discomfort due to overexposure to computer screens. From Elite Eyewear. GO EE

Carry on.
Diskette holders for the 3.5-, 5.25- and 8-inch diskettes. Holds from five to 75 disks. From Direct Micro. GO DM

▲ Knight in shining armor corkscrew. From The Metropolitan Museum of Art. GO MMA

The Penguin Book of Vampire Stories. From Penguin Books. GO PB

Solotron® Junior. Chewable children's vitamins. From General Nutrition Center. GO GN

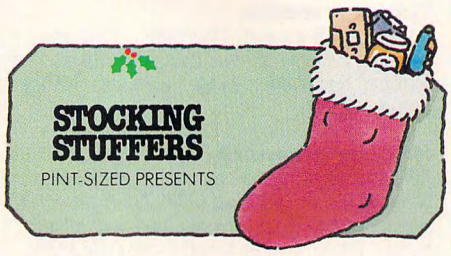
Lenox "Mirage." A 3- by 5-inch picture frame. From Bloomingdale's. GO BL

► Garfield: the seasonal cynic. Garfield Christmas puppet. The infamous feline in a Santa suit. From Walter Knoll Florist. GO WK

▼ Audio tapes and accessories. A full line of 90-minute TDK and Maxell tapes. TDK cassette head cleaner and cassette head demagnetizer. From PanSon Electronics. GO PS

Goebel miniatures. Authentic sculptures cast in bronze. Each no more than one and a half inches tall. Featured selections include The Cowardly Lion, The Wicked Witch, Central Park Sunday, and Snow Holiday. From Don's Dollhouse. GO DD

Personalized address stamp. From Executive Stamper. GO EX



Corgi cars. BMW, Ferrari 308 GTS, and Mercedes 2.3. From Hobby Center Toys. GO HC

▲ Cross, gray pen/pencil set. From The Stationery Center. GO SC

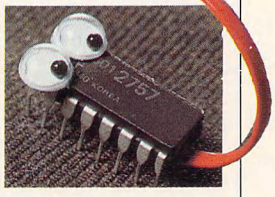
Brooks sterling pen. From Brooks Brothers. GO BR

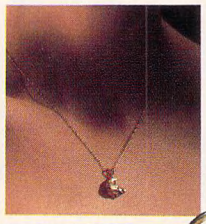
▲ A Windham Hill selection. Suggestions include *Tuck & Patti*, *Modern Mandolin Quartet*, and *Pecos Bill* with Robin Williams and Ry Cooder. From Windham Hill. GO WH

Tart marmalades, tangy mustards. A delectable selection. From Crabtree & Evelyn. GO CR

▲ Crescent earrings. Turkish, mid-16th century. Pierced or clip. From The Metropolitan Museum of Art. GO MMA

► The computer bug. A google-eyed, curly-tailed, millipede created from real computer chips. From Some Things Special. GO SP





◄ .25-ounce natural Alaskan gold nugget. From Ivory Cache. GO IV

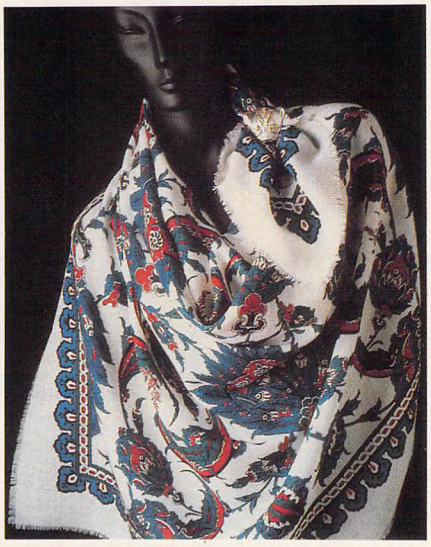
▼ Brooks Brothers crest key rings. GO BR

Get goofy at Disneyworld. This year, be a kid along with your kids at Disneyworld. Make online reservations at The Econo Lodge in Orlando, Fla. It's the largest lodge in the world, offering you affordable, conveniently-located accommodations for the entire family.

Also online, order *Bargain Attractions*, a book of discounted Orlando events. A great way to beat the lines at attractions (and a good value to boot), it's the perfect stocking stuffer for any child. Tuck it in the toe with a promise of a day at Disney. From Bargain Holidays of Florida. GO BH

WINDOWS ON THE MALL

ARTS, MUSIC & VIDEO



Iznik wool shawl.
Imported pure wool challis. Self-fringed and 42-inches square. From The Metropolitan Museum of Art. GO MMA

"Dirty Dancing" video.
The craze! Patrick Swayze and Jennifer Grey. It's hot and it's on sale. Only $24.95, plus shipping and handling. From Magic Castle Video. GO MV

Why go out when you can see them at home?
Best-selling videos, including recent releases such as "Good Morning Vietnam," "Wall Street" and "The Untouchables." From Waldenbooks. GO WB

More than 1,000 CDs, LPs and tapes.
Rock, classical, opera, country, show tune, soundtracks, jazz and blues. Jazz and blues artists include Manhattan Transfer, Oregon, B.B. King, Charues Mingus, Chuck Mangione, Count Basie and The Robert Cray Band. From Express Music. GO EMC

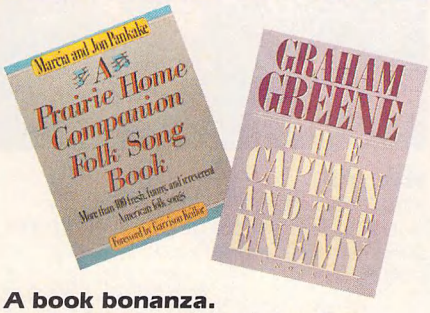
Make your own music.
Keyboards, synthesizers, MIDI sequencers, MIDI guitars, amps, speaker systems and more. From Music Alley Online. GO MAO

AUTO

The car of your dreams.
AutoVision invites you to do a little daydreaming. Now you can lease or buy the car of your dreams online. And, for four weekends in November and December, the daydreaming—and connect time—is free at AutoVision. GO AV

Fix it with Ford.
The Ford auto kit. A 76-piece, chrome vanadium tool set compact enough to store in your vehicle. From Ford Motor Company. GO FMC

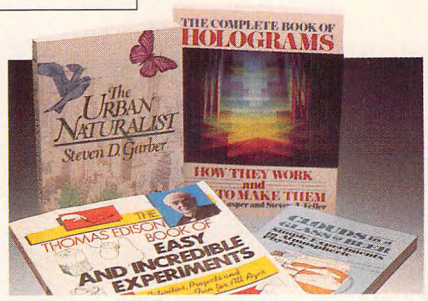
BOOKS/PERIODICALS



A book bonanza.
Featured titles include *Libra* by Don Delillo, *The Captain and the Enemy* by Graham Greene, *A Prairie Home Companion Folk Song Book* and *Erte at 95: The Complete New Graphics*. Remember, you get a free gift with every purchase! From Penguin Books. GO PB

Mercury House presents the finest in new fiction.
Who Will Remember the People ... The Judgment Day Archives ... Philip's Chair ... Irish Wine ... all at discount prices. From Mercury House. GO MER

Give a gift they'll get all year.
A subscription to his or her favorite magazine. Choose from hundreds, including *Vogue, Elle, Sports Illustrated, Playboy, Time* and more. From American Magazine Subscriptions. GO AS


THE COMPLETE BOOK OF HOLOGRAMS
The URBAN NATURALIST
Steven D Garber
HOW THEY WORK and HOW TO MAKE THEM
THOMAS EDISON BOOK OF EASY AND INCREDIBLE EXPERIMENTS

Scientific discoveries.
The Beauty of Light, The Urban Naturalist, Planets Beyond, Seven Ideas That Shook the World, The Thomas Edison Book of Easy and Incredible Experiments and more. From John Wiley & Sons. GO JW

BUSINESS & FINANCE

An H&R Block tax preparation gift certificate.
Something *everyone* can use. From H&R Block. GO HRB

Dayrunner personal planning system.
The ultimate way to get organized. Includes daily planner, pockets for credit cards, checkbook, pen, 12-month planning calendar, business/personal A-Z directory, designer notepad and more. From The Stationery Center. GO SC

***PC/Personal Investor* from Best Program.**
Handles stocks, options, splits, mutual funds and more. The perfect software for the investor. From Investment Software. GO IS

COMPUTING

Deluxe perfect data care kit.
Contains everything you need to keep your entire computer system—CPU, monitor, disk drives, printer—in tip-top condition. For 5.25-inch drive computers. From R+R Direct. GO RD

Computer book bazaar.
Scores of titles, including *Mastering WordPerfect, Quattro: The Complete Reference, Mastering Excel on the Macintosh* and *Lotus 1-2-3 Desktop Companion*. From Waldenbooks. GO WB

WINDOWS ON THE MALL

Hundreds of software titles.
Especially recommended: *Who Framed Roger Rabbit* for the Apple and IBM, *Andrew Tobias's Managing Your Money* for the IBM, Macintosh and Apple, and *California Raisins* for the Apple, IBM and C64. From Software Discounters of America. GO SDA

Tandy town.
Computers, printers, accessories and more. Featured personal computers include the Tandy 3000 512K 1-Disk, Tandy 200 Portable 24K, Tandy 4000 1 MB 3.5 Floppy, and Tandy 1400 LT Portable. From Marymac Industries. GO MM

Software for all ages.
Mixed Up Mother Goose by Sierra-on-Line for the younger set. *Leisure Suit Larry II-Looking for Love (In Several Wrong Places)* for adults. From Computer Express. GO CE

GIFTS & COLLECTIBLES

Picture perfect: Dior frame.
A 3- by 5-inch malachite Christian Dior picture frame. From Bloomingdale's. GO BL

The deluxe collection.
Deluxe business card ledger, executive organizer, breast-pocket organizer, computer printout organizer and more. From The Stationery Center. GO SC

Tales for travelers.
Unabridged short stories by such A-list authors as Anton Chekov, John Updike and D.H. Lawrence. Each story is printed on a single sheet of paper. Twelve stories in an attractive slipcase comprise a volume. From Coffee Emporium. GO COF

Corporate gift-giving made easy.
Does your organization have a long list of clients to remember this holiday season?
Contact Simon David through EasyPlex and ask about the corporate gift-giving service. Representatives will make suggestions and take care of everything for you. From gift baskets to holiday turkeys, the choice is yours. From Simon David. GO SIM

Your move.
Electronic backgammon game. From Hammacher Schlemmer. GO HS

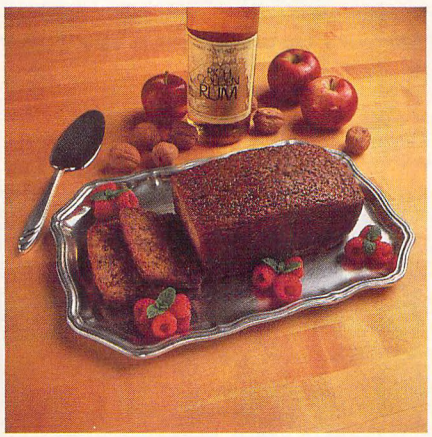
FRUITS & FLOWERS

Twig reindeer basket.
Brimming with gourmet items from around the world. From Simon David. GO SIM

Black forest cheesecake.
An all-cream cheesecake with a swirl of juicy bing cherries and dark chocolate chips. From Desserts Direct. GO DS

Star fruit.
Introducing the tropical carambola, the star fruit. The perfect fruit to float on your holiday punch. From Florida Fruit Shippers. GO FFS

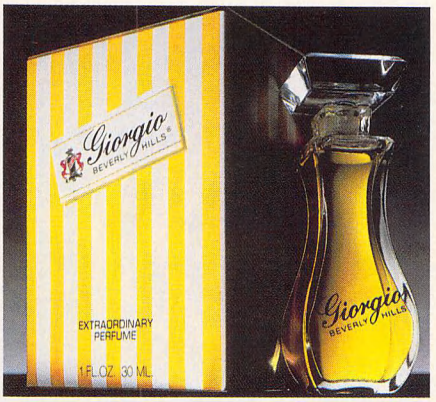
Crabtree & Evelyn wood box.
Packed with goodies, including shortbread cookies, hazelnut cookies, fruit tea, herbal tea, black tea, and jars of preserves. From Crabtree & Evelyn. GO CR



Coffee and cake.
Effie Marie's rum butter cake. Made with real country butter, whole fresh eggs and Caribbean rum. *Dessert coffee sampler.* Includes one pound each of cafe coconut cream, Hawaiian hazelnut, pina colada and chocolate mint, all with zero calories! From Coffee Emporium. GO COF

An authentic Japanese bonsai.
Pronounced "bone-sigh." An art form started 2,000 years ago. Each is pruned and artistically trained by a master artist. From Williams & Eeden Garden Center. GO WE

HEALTH & BEAUTY



Take an online scent tutorial.
Giorgio Beverly Hills. Opium by Yves Saint Laurent. Oscar de la Renta. Polo by Ralph Lauren. Take an online tutorial in fragrances. Questions? Harris' store manager will gladly assist you in making your selection. All selections include free gift wrapping. From Harris' Scent-Sations. GO HR

Eat right.
Harvest Maid dehydrator. For snacks and meals that are delicious, economical and 100 percent nutritious. From General Nutrition Center. GO GN

Conair facial sauna.
Gives you the cleanest, clearest, most youthful-looking skin ever. Indulge in the luxury of it all. From Bloomingdale's. GO BL

HOBBIES, TOYS & PETS

"I think you think I think."
If you were reincarnated, what would you like to come back as? How much money would you need to consider yourself wealthy? A clever game of insights, opinions and perceptions. From TSR Games Shoppe. GO TSR

Orthopedic dog bed.
The most comfortable bed ever invented ... for dogs. From New York Kennel Club. GO KC

A pouch of free food for your pooch.
New York Kennel Club has a free gift for you and your dog: a 6-ounce pouch of Champion Nutra-Pal pet food. The only dog food approved by the New York Kennel Club, this sample is yours for the asking. Simply stop by the New York Kennel Club online and request your sample. If you and your dog like the food, you can order more online. Available in 20 pound and 40 pound bags, New York Kennel Club offers free delivery on all orders. Just think ... you may never have to lug home heavy bags of pet food again. GO KC

WINDOWS ON THE MALL

For the king of the house.
Canine castle doghouse. One-piece molded construction. Clean and flea-free. From PetWorks. GO PW

The Beacon Hill.
Seven-room Victorian dollhouse. Lots of gingerbread, two hallways, three fireplaces, three bay windows and a winding staircase. From Don's Dollhouse. GO DD

Buck Rogers® Battle for the 25th Century board game.
From TSR Games Shoppe. GO TSR

Enameled mascots.
Choose from the dalmation ... an English thoroughbred ... Porsche and Ferrari horse mascots and more. From PetWorks. GO PW

1200 power 5-way microscope set.
From Hobby Center Toys. GO HC

THE MEN'S SHOP

The Bolle ski goggle.
Extremely lightweight, virtually unbreakable and 100 percent ultra-violet protectant. From Elite Eyewear. GO EE

The traditional cardigan.
Long-sleeve cotton cardigan with side pocket and five-button front. From Brooks Brothers. GO BR

Burberry traditional trench coat.
The authentic Burberry trench in British tan. Simply, the finest raincoat made. From Apparel Concepts for Men. GO APC

THE WOMEN'S SHOP

Extraordinary long johns.
One piece long johns with floral lace and pearl appliqué. From Inside * Outside Lingerie. GO IO

Beauty to go.
Bloomie's travel kit. From Bloomingdale's. GO BL

MERCHANDISE/ELECTRONICS

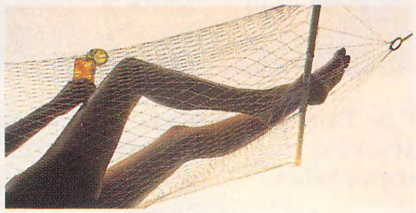
Genuine Turkish towel.
Imported exclusively by Hammacher Schlemmer and manufactured in the Aegean region of Turkey. Four feet by 6 feet. Three-letter monogram available. From Hammacher Schlemmer. GO HS

Takka pasta maker.
From linguini to lasagna. Mixes, kneads, and extrudes up to one and a half pounds of fresh pasta in minutes. From Bloomingdale's. GO BL

Stay charged up with a battery of batteries.
Never be short of batteries again. Stock up today on Eveready Energizer alkaline batteries, nickle cadmium rechargeable batteries and more. Choose from AA, AAA, C cell and D cell. From PanSon Electronics. GO PS

SPORTS & LEISURE

Grills that thrill.
Gas, electric or charcoal. Especially recommended: the portable gas grill to go. Full-size features yet extremely portable. From CharBroil Outlet. GO CO



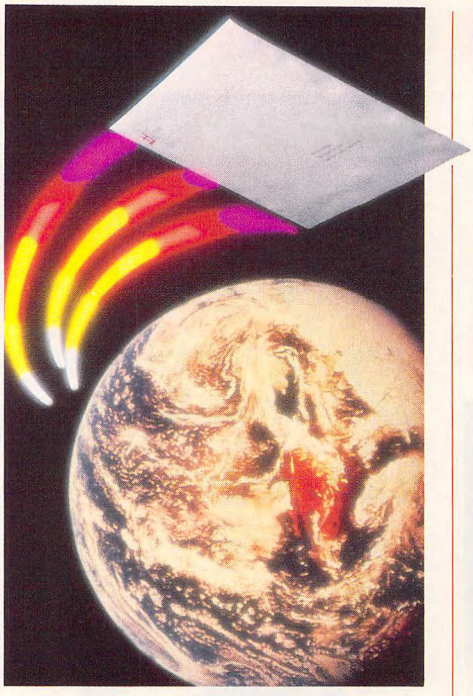
Rope hammock.
Pawley's Island rope hammock. Have it made in the shade! From Rin Robyn Pool 'N Patio. GO RR

Watch the game without getting up.
Armchair Quarterback. Leather-like caddy with pouches for program guides, remote control and your favorite beverage. From Bloomingdale's. GO BL

TRAVEL & VACATIONS

Econo Lodge Orlando, Florida

Give someone a slice of Florida sunshine with a Bargain Holiday gift certificate.
Bargain Holidays offers gift certificates in denominations of $25, $50, $75 and $100. Vouchers are valid at all locations featured in Bargain Holidays' database. Cash them in for a 3 day/2 night mini-vacation, or save them for a longer sojourn in the sun. From Bargain Holidays. GO BH



For family, friends on other shores: overseas orders and deliveries.

Many merchants will ship merchandise anywhere in the free world for you.

Florida Fruit Shippers, for example, will fly its EUROPAK fruit pack to Denmark, England, Luxembourg, Belgium, the Netherlands, France, Scotland, West Germany and Switzerland.

Walter Knoll Florist can deliver many of its fresh arrangements to more than 135 different countries. Other merchants shipping overseas include Windham Hill, Ivory Cache, Paradise Technology, Rin Robyn Pool 'N Patio, Some Things Special, Coffee Emporium and Simon David.

Canada, too.

Most merchants also ship to Canada. Brooks Brothers and Software Discounters of America, for example, will gladly go north of the border.

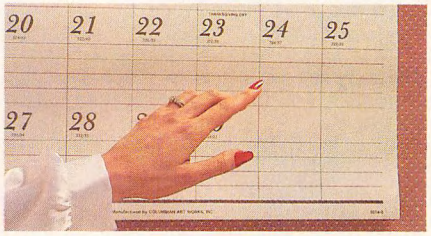
For a complete holiday shipping guide, visit Holiday Bazaar '88. GO HOL

HOW TO ORDER

Ordering from the Mall is easy. You need to know just two commands: "O" when you want to order a product and "checkout" to complete your order. GO MALL for full details online.

How to host an online holiday shopping party.

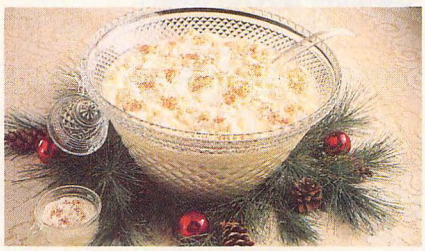
Be the first one on your block to host an online holiday shopping party. Here's how:



1. Pick a day. Remember, The Mall is always open!

2. Send invitations to your friends and neighbors, inviting them to an online shopping party. Warn them that this is not just another get-together. Ask all guests to bring a credit card and their favorite holiday food or drink.

3. Take a pre-party trip to The Mall. Order copies of the print catalogs that are offered. Set them aside for the day of the party. Pick up a few extra snacks online too. Like a bucket of goldfish from Pepperidge Farm, California roasted nuts from Coffee Emporium or smoked ham from Simon David.



4. On the day of the party, mix a batch of holiday egg nog. (Note: try the recipe online in "Eat, Drink & Be Merry.") Deck the halls. Crank up a Christmas CD.

5. Gather your friends around the personal computer and take them to The Mall. Introduce them to the wonderful world of CompuServe! (Subscriptions can be started by calling 1-800-848-8199.)

Win a $1,000 online shopping spree at Shoppers Advantage.

Visit Shoppers Advantage on Thanksgiving or the day after and you could walk away with a $1,000 online shopping spree. Imagine being let loose with that kind of money in the midst of thousands of different products.

To be eligible, take part in Shoppers Advantage's online Christmas Scavenger Hunt. Complete rules and regulations can be found online. GO SAC

Twelve days of prizes at Shoppers Advantage.

Win one of 12 daily prizes at Shoppers Advantage during its 12 Days of Christmas promotion. Beginning Dec. 12, and every day thereafter through Dec. 24, 12 fortunate shoppers will leave Shoppers Advantage a winner.

No purchase is necessary, and you can enter as often as you'd like. One winner will be picked randomly from all entries every day for 12 days. GO SAC

Win one of two holiday turkeys.
Make any purchase at Simon David during the month of November, or request your free copy of its all-new catalog, and you'll automatically be entered in a drawing for one of two holiday turkeys. Each tender, young, USDA Grade A hen turkey is slowly smoked and fully cooked over a hardwood fire to guarantee a plump, juicy feast. Ten pound average. For your chance at the big bird, GO SIM.

Walter Knoll's mistletoe and kisses.
Tradition has it that if you're caught standing beneath the mistletoe, you get kissed. Once again this year, Walter Knoll is bringing mistletoe to The Mall. Every week between Nov. 1 and Dec. 25, Walter Knoll will hang an electronic mistletoe somewhere in its database. Be the first shopper to send Walter Knoll an EasyPlex message with its location and you'll receive a giant Hershey's chocolate kiss. Visit Walter Knoll for details. And, while there, why not order your holiday greenery? Wreathes, poinsettias and holiday arrangements are all featured. GO WK.

MALL DIRECTORY

ARTS, MUSIC, VIDEO

CD Compact Disc Club ★
EMC Express Music ★
MV Magic Castle Video
MMA Metropolitan Museum of Art ★
MAO Music Alley Online
RCA RCA Music Service
RT Record and Tape Club ★
TC Tele-Charge—Theatre tickets
WB Waldenbooks ★
WH Windham Hill ■ ★
DA Discovery Artists ■

AUTO

DU ABC Compu-Lease
AQ Autoquot-R
AV AutoVision
BU Buick Magazine ■
FMC Ford Motor Co. ■

BOOKS/PERIODICALS

AS American Magazine Subscriptions
DJ Dow Jones & Company
MH The McGraw-Hill Book Co. ■ ★
MER Mercury House
PB Penguin Books ■
BK Small Computer Book Club
TL Time-Life Books
WB Waldenbooks ★
JW John Wiley & Sons ■ ★

BUSINESS & FINANCE

IN AutoWrite †
INC Business Incorporating Guide
DJ Dow Jones & Company
HRB H&R Block
HRA Halvorson Research Associates
IS Investment Software ■
TKR Max Ule Discount Brokerage
NN NewsNet

CLUBS & MEMBERSHIPS

CD Compact Disc Club ★
MT Moment's Notice ■
KC New York Kennel Club
RCA RCA Music Service
RT Record and Tape Club ★
SAC Shoppers Advantage
BK Small Computer Book Club
TL Time-Life Books

COMPUTING

ATT AT&T ■
CDA CDA Computer Sales ■ ★
CE Computer Express ★●
DM Direct Micro ■ ★
IS Investment Software ■
MM Marymac Industries
NCW National Computer Warehouse Club †
PT Paradise Technology
RD R+R Direct ■ ★
SAF Safeware Computer Insurance ■
SDA Software Discounters of America
SP Some Things Special

GIFTS & COLLECTIBLES

BL Bloomingdale's
COF Coffee Emporium ■
CT CounTree Reflections †
CR Crabtree & Evelyn ■ ★
DS Desserts Direct ■
DD Don's Dollhouse & Miniatures ● ★
FFS Florida Fruit Shippers ■
GC Godiva Chocolates † ■ ★
HR Harris' Scent-Sations
IV Ivory Cache ■ ★
LS LifeSpan †
OL Olympic Gift Store ■ ★
PF Pepperidge Farm ■ ★
RM Rent Mother Nature † ■
SL Sharon Luggage and Gifts † ■ ★
SIM Simon David ■ ★
SP Some Things Special
WK Walter Knoll Florist ●

GOURMET FOODS & FLOWERS

GC Godiva Chocolates † ■ ★
COF Coffee Emporium ■
DS Desserts Direct
FFS Florida Fruit Shippers ■
MC Morrell and Company ■
PF Pepperidge Farm ■ ★
RM Rent Mother Nature † ■ ★
SIM Simon David ■ ★
WK Walter Knoll Florist ●
WE Williams & Eeden Garden Center ■ ★

HEALTH & BEAUTY

LS LifeSpan †
CR Crabtree & Evelyn ■ ★
EE Elite Eyewear ■ ★
GN General Nutrition Corporation ■ ★
BL Bloomingdales

HOBBIES, TOYS & PETS

AC Aero Academy
DD Don's Dollhouse & Miniatures ★●
HTH The Heath Co. ■
HC Hobby Center Toys
KC New York Kennel Club
PW Petworks
TSR TSR Games Shoppe ■ ★
WE Williams & Eeden Garden Center ■ ★
TP Traveling With Your Pet †

THE MENS SHOP

APC Apparel Concepts for Men ■
BR Brooks Brothers ■ ★
GR Got Rocks †
IO Inside * Outside Lingerie ★

THE WOMENS SHOP

BR Brooks Brothers ■ ★
HR Harris' Scent-Sations
IO Inside * Outside Lingerie ★
IV Ivory Cache ■ ★

MERCHANDISE & ELECTRONICS

ARI Air-Conditioning and Refrigeration Institute
AE Ankai Electronics ■ ★
ATT AT&T ■
CEA Competitive Electronics and Appliances †
ORD CompuServe Store
CFD Crutchfield ■ ★
HS Hammacher Schlemmer ■ ★
HTH The Heath Co. ■
PS PanSon Electronics ★■
SAC Shoppers Advantage ★

OFFICE SUPPLIES & SERVICES

TN AutoWrite †
DM Direct Micro ■ ★
EX Executive Stamper
FR First Run Computer Services †
RD R+R Direct ■ ★
SAF Safeware Computer Insurance ■
SC Stationery Center ● ★
TII TII Translation Service

SPORTS & LEISURE

AC Aero Academy
CO Char-Broil Grill Outlet ■
EE Elite Eyewear ■
HS Hammacher Schlemmer ■ ★
OL Olympic Gift Store ■ ★
RR Rin Robyn Pool 'N Patio ■

TRAVEL & VACATIONS

AF Air France ■
BH Bargain Holidays
EV ENDLESS VACATION TRAVEL ★
MT Moment's Notice ■
OAG Official Airline Guide
SL Sharon Luggage and Gifts † ■ ★
TP Traveling With Your Pet †

■ Offers free print catalog.
★ Denotes electronic order form for use with print catalog.
● Credits cost of print catalog toward purchase.
† Denotes new merchant.

GOINGS ON AT A GLANCE

NOVEMBER

		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

DECEMBER

				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Happenings

Holiday Bazaar '88
Nov. 1: Bazaar opens online.

Shoppers Advantage Thanksgiving Weekend Open House GO SAC
Nov. 24, 25, 26, 27: Win a $1,000 shopping spree.

Santa Claus *live* at The Mall GO HOL
Nov. 26, Dec. 3,10

Fun & Games

Find the Mistletoe at Walter Knoll GO WK
Nov. 1-Dec. 25: Win a giant Hershey's kiss.

Tele-Charge's Theatre Buff Brain Buster Quiz GO TC
Nov. 1, Dec. 1

Desserts Direct's Birthday Cake of the Month Contest GO DS
Nov. 1, Dec. 1

Simon David GO SIM
Nov. 1-Nov. 30: Stop by for your chance to win one of two turkeys.

Shoppers Advantage's 12 Days of Christmas GO SAC
Beginning Dec. 12, your chance to win a new, free gift every day.

Free Shopping

Mall-wide free connect GO MALL*
Nov. 24, Nov. 25: Free Shopping at every store in The Mall.

Aero Academy GO AC*
Dec. free shopping: Dec. 3, 4

AutoVision GO AV*
Nov. free shopping: Nov. 5, 6, 12, 13
Dec. free shopping: Dec. 3, 4, 24, 25

AutoWrite GO IN*
Nov. free shopping: Nov. 12, 13

Bloomingdale's GO BL*
Nov. free shopping: Nov. 5, 6
Dec. free shopping: Dec. 3, 4

Buick Magazine GO BU*
Nov. free shopping: Nov. 5, 6
Dec. free shopping: Dec. 3, 4

Compact Disc Club GO CD*
Dec. free shopping: Dec. 3, 4

Ceramic pie dishes from Bloomingdale's

Competitive Electronics and Appliances GO CEA*
Nov. free shopping: Nov. 12, 13

Computer Express GO CE*
Nov. free shopping: Nov. 5, 6

CounTree Reflections GO CT
Nov. free shopping: Nov. 19, 20

Discovery Artists GO DA*
Nov. free shopping: Nov. 12, 13

Dreyfus GO DR*
Nov. free shopping: Nov. 19, 20

Discovery Artists

ENDLESS VACATION TRAVEL GO EV*
Nov. free shopping: Nov. 5, 6

1st Run Computer Services GO FR
Dec. free shopping: Dec. 10, 11

Godiva Chocolates GO GC*
Nov. free shopping: Nov. 12, 13

Godiva chocolates

Got Rocks GO GR*
Nov. free shopping: Nov. 5, 6

Harris' Scent-Sations GO HR*
Nov. free shopping: Nov. 19, 20
Dec. free shopping: Dec. 3, 4, 10, 11

LifeSpan GO LS*
Nov. free shopping: Nov. 12, 13

McGraw-Hill Bookstore GO MH*
Nov. free shopping: Nov. 5, 6

National Computer Warehouse Club GO NCW*
Nov. free shopping: Nov. 5, 6

PanSon Electronics GO PS*
Nov. free shopping: Nov. 5, 6
Dec. free shopping: Dec. 3, 4

Penguin Books GO PB*
Nov. free shopping: Dec. 3, 4

Record and Tape Club GO RT*
Nov. free shopping: Nov. 12, 13

Rent Mother Nature GO RM*
Nov. free shopping: Nov. 19, 20
Dec. free shopping: Dec. 10, 11

Sharon Luggage and Gifts GO SL
Nov. free shopping: Nov. 12, 13

Shoppers Advantage GO SAC*
Nov. free shopping: Nov. 24, 25, 26, 27

Software Discounters of America GO SDA*
Nov. free shopping: Nov. 12, 13

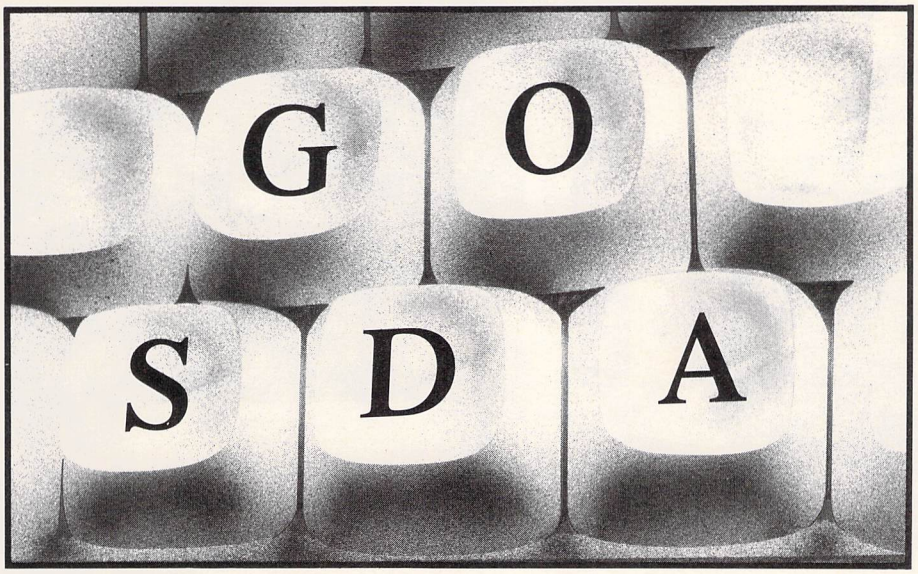
Traveling With Your Pet GO TP*
Nov. free shopping: Nov. 19, 20

Waldenbooks GO WB*
Nov. free shopping: Nov. 5, 6, 12, 13, 19, 20, 26, 27
Dec. free shopping: Dec. 3, 4, 10, 11, 17, 18

*Please remember that for Mall promotions that include free connect time, all applicable communications surcharges remain in effect. Free connect is always from midnight to midnight.

Special SDA Holiday Bonus

Two Weekends of FREE Shopping



If you've never shopped us before, now's the perfect time

Visit us at the Electronic Mall™ during our two great weekends of free shopping and you won't be billed any connect charges for the time you spend in our store.

Shopping is free from 12:01 AM Saturday, November 12, to 11:59 PM Sunday, November 13, and again from 12:01 AM Saturday, November 26, to 11:59 PM Sunday, November 27.

Get great savings on one of the finest selections of software and accessories anywhere in the world, just in time for some great holiday values.

We bring you the hottest titles on the market at huge savings

We pioneered the discount software concept, and we couldn't call ourselves discounters if we didn't have great prices. In our store you'll find *entertainment, educational and productivity* software on sale, everyday, with savings of up to 50% off retail.

Nearly 1900 products from 150 publishers at your fingertips

We now have *nearly 1900* titles on line, from today's latest, hottest software hits to that old favorite you've been trying to find for years.

We now update our database almost every day, making us your best, up-to-date software resource.

Look for monthly specials for even greater savings

Up to 50% off everyday isn't good enough for us, so our top menu includes monthly specials at even bigger discounts. Stop in and take a look. These bargains stand out even in a store full of bargains.

Backed by the support and service you deserve

We know what you want, because we've been keeping software fanatics happy longer than anybody else.

In fact, we've been around as long as the Electronic Mall™, with tens of thousands of satisfied customers.

So we give you free shipping on orders over $100 in the continental U.S. No surcharge for MasterCard or VISA. And the top quality service you expect.

When you buy from SDA, you buy with confidence.

Go on line anytime — we're just a keystroke away

Type: GO SDA

Software Discounters Of America

SD of A

Easyplex (70007, 1622)

© 1988 SDA

Software for:
Commodore 64/128
• Atari 8-bit
• Atari ST • IBM
• Apple • Apple IIGS
• Macintosh • Amiga •

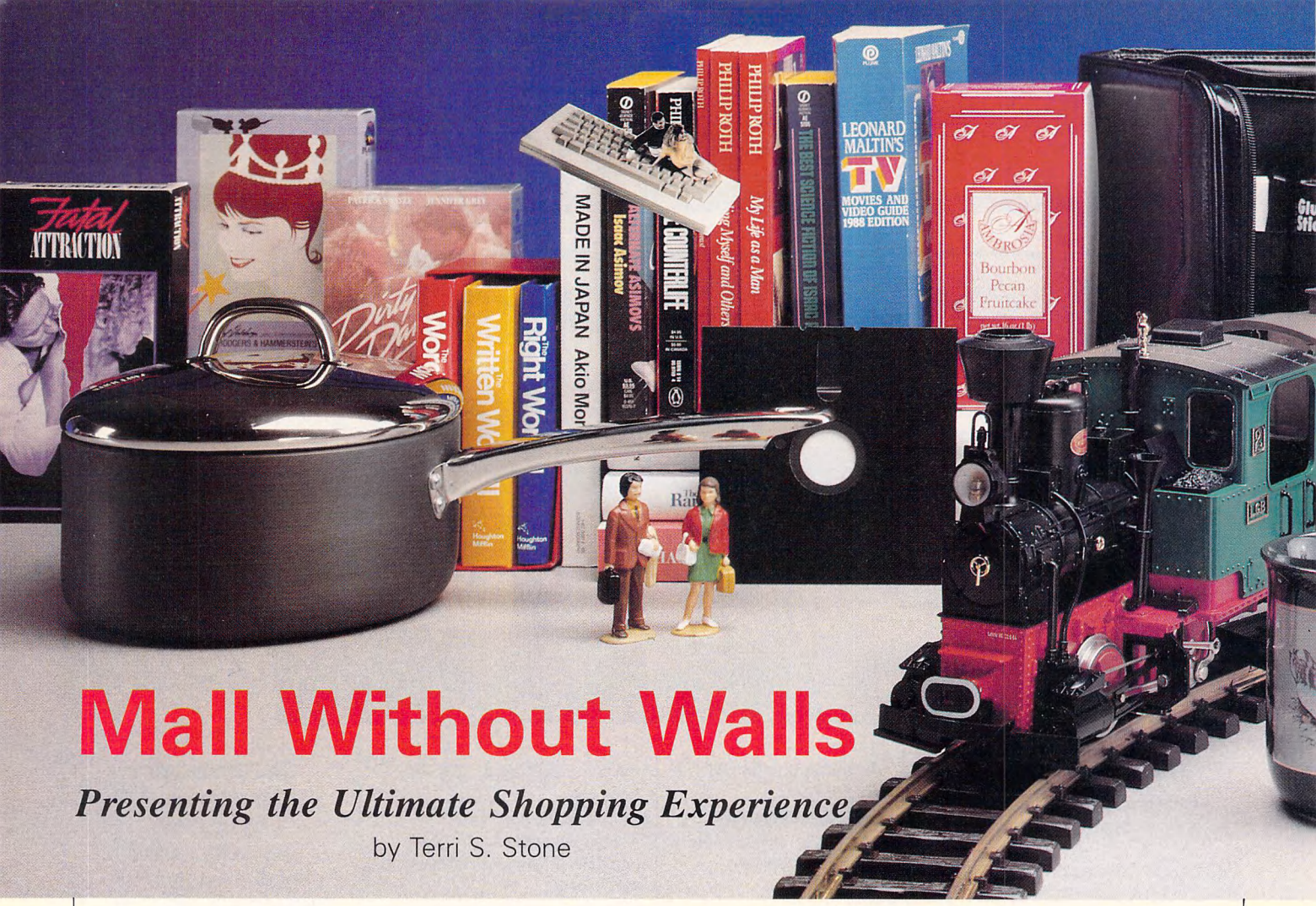
WIN $10

towards your next software purchase

Every month we pick 5 names at random from our customer list for mention in the SDA NewsFlash. If your name is picked, you get a certificate good for $10 towards your next software purchase. Read the NewsFlash to find out how to claim your prize.

If you're not on our customer list and would like to be, just place an order OR send us an Easyplex (70007,1622) with your name/street/city/state/phone #, and tell us you'd like to be a winner too. No purchase necessary.

GO OLI for more information.



Mall Without Walls

Presenting the Ultimate Shopping Experience

by Terri S. Stone

A poster of Phil Collins catches your eye as you walk by the new CD store at your local mall. You stroll in and buy the compact disc. Yet, a CD was nowhere on your "to buy" list.

Impulse buying is fun, inspiring—even a bit daring. Nearly everyone can recall an item or piece of clothing that was bought purely on impulse and entirely for the enjoyment. Being spontaneous, after all, is part of life's fun.

Like browsing and buying at your local mall, shopping at The Electronic Mall® (GO MALL) is ripe with intriguing and diverse possibilities. While the element of impulse differs online, it definitely is there.

"If you suddenly decided to go out shopping at 2 a.m., no place in town would be open," says Regina Brady, CompuServe's director of customer promotion. "Yet, The Electronic Mall is open 24 hours a day, 365 days a year, and you can shop from the comfort of your home. There's no traffic or shoppers to fight to find the products you need."

This convenience factor is one that is continually reviewed and upgraded so that online product selection, ordering and processing are quick and easy for shoppers. Since The Mall's grand opening in early 1985, the number of stores has grown from 23 to more than 100, and items that once were solely regional, such as Southern jams or Florida citrus, now are offered on a national scale. In addition, specialty merchants feature a full spectrum of merchandise—collectibles to electronics to vacations.

Putting Your Ideas to Work

Mall shoppers are an eclectic and busy bunch. The "typical" Mall shopper is college educated, in his or her mid-30s, and married with 2.9 people in the household. Many have two-income families and little leisure time, which means ease and convenience play a large role in their lifestyles. Further, they want quality merchandise and top value for their money.

The staff of The Electronic Mall continually looks for ways to improve and expand all of the aspects of online shopping. There is even a Mall Manager (see related story about faces behind The Mall) who welcomes questions, suggestions or comments about The Mall's products, merchants, promotions and even software functionality.

The manager responds quickly to inquiries and tracks repeat requests for a new type of merchant or service. These suggestions are explored and, if appropriate, incorporated into The Mall's basic operations.

Specific areas in which feedback has shaped The Mall include free connect time promotions, new store requests and improved ordering forms. Merchants' changes have included more frequent store updates, better responsiveness to shoppers and increased international service. And, new stores that have opened as a result of shopper feedback are travel agencies, Bloomingdale's, and Williams & Eeden Garden Center.

Online ordering forms have been upgraded with easy prompts and check points, enabling shoppers to review information along the way. "What used to happen," explains Brady, "is that you would be shopping in Brooks Brothers, for example. You would hit 'O' to order a classic broadcloth shirt and then ask to go to the checkout area. Once there, you'd be asked for size, color and style. Who could remember at that point?"

Now, to help in placing orders, prompts appear while shoppers are in the stores so all of the information is handy. "Some orders that are placed

need several 'custom prompts' to get the order exactly the way you want it,'' says Brady. ''We now have the ability to ask multiple questions so that we can have a happy customer and a happy merchant.''

'Shoppers Advantage' and the Future

Mall shoppers also can join Shoppers Advantage, a discount shopping club for members, with more than 250,000 brand-name items offered at 10 percent to 50 percent below the manufacturers' suggested list prices. The annual membership fee is $30, and members pay only standard connect-time charges while shopping in the club. Prices are guaranteed to be the lowest or the price difference is refunded.

To join Shoppers Advantage, type GO SAC to access Shoppers Advantage and select Option 4. Shoppers Advantage hosts many contests and drawings for valuable prizes. Non-members are invited to scan the product selection.

The future of The Electronic Mall is bright and virtually limitless. ''I think we are just at the tip of the iceberg,'' Brady says. ''We have seen direct marketing and catalogs growing by leaps and bounds over the past decade. You might think of electronic shopping as mail order without the mail.''

Greg Miller

''Mail order without the mail'': *Brady*

To help subscribers get a look at many of The Mall's products, a bimonthly insert called *Go Mall* appears in *Online Today*. This colorful insert details new merchants, product specials, new promotions and contests going on at The Mall.

The big news is that greater graphics capability is under development. The graphics, which would involve the Graphics Interchange Format (GIF), is being test marketed and demonstrated at trade shows. According to Brady, it will be a little more than a year before the graphics capabilities are officially available.

Other Mall plans? ''On our wish list for the near future is an enhanced index, a frequent-shopper program and the ability for shoppers to create their own profiles,'' says Brady. ''Profiles would include birth dates, sizes, addresses and credit card information so shoppers have to do less when they see items they want to order.''

Convenience, creative merchandise and attentive customer service all are available in The Electronic Mall. Enter and discover an atmosphere of old-fashioned shopping fun!

Terri S. Stone was formerly co-publisher/editor of Retail Market Report *and managing editor of* Gift Reporter *magazine, both targeted to retail businesses. She has written articles for various retail trade publications and is currently editorial project manager for a children's book publisher. Her CompuServe User ID number is 76004,1643.*

Mall Merchants Market Specialties

Clothes to computer games, books to bouquets, music to mangos and everything in between is available for ordering online. The number of merchants in The Electronic Mall® shopping service stands at more than 100, with new ones coming online all the time.

A couple of the newest merchants are Bloomingdale's (GO BL)—offering cosmetics, housewares, tabletop merchandise and gifts—and Windham Hill Productions (GO WH), a contemporary music-recording company based in California. Other items available in The Mall include dog products from the New York Kennel Club (GO KC), competitive quotes on particular car models from AutoVision (GO AV), and feel-at-home rental vacation villas in hundreds of locations in the United States, Mexico and the Caribbean from Endless Vacation Travel (GO EV).

While most merchants are excited to be a part of the electronic shopping revolution, Rosemary Belssner simply bubbles over when discussing Coffee Emporium (GO COF), her San Francisco Bay area online store.

"The Mall offers shoppers incredible advantages. The Electronic Mall definitely is a thing of the future," she says, "and I'm enthusiastic about online shopping. People are tired of driving to stores, parking their cars, and pushing and shoving inside the malls."

Belssner opened her online coffee store about two and a half years ago, with the blessings of her husband, an IBM executive, and their son John, now 26. Her brother had been in the retail coffee business for 20 years, so she felt comfortable and challenged by it.

She had gone back to college to study psychology, but "I'd come home feeling terrible because I found the Dow Jones averages more interesting. I figured I was on the wrong track—but I'm having a ball now!" says Belssner.

Coffee Emporium specializes in unique coffees, coffee brewing accessories and teas. The expansive coffee selection ranges from a house blend of Central and South American beans that costs $6.40 per pound to the rare Jamaican Blue Mountain coffee, priced at $23.95 per pound.

Shoppers can easily whet their coffee palates by selecting from six sampler packs, assorted by coffee strength and taste and costing $8.50 to $14.75.

"People love the coffee names. San Francisco Lights, for one, is our espresso," she says. "It's so strong that you could stand a spoon in it, but it sells great."

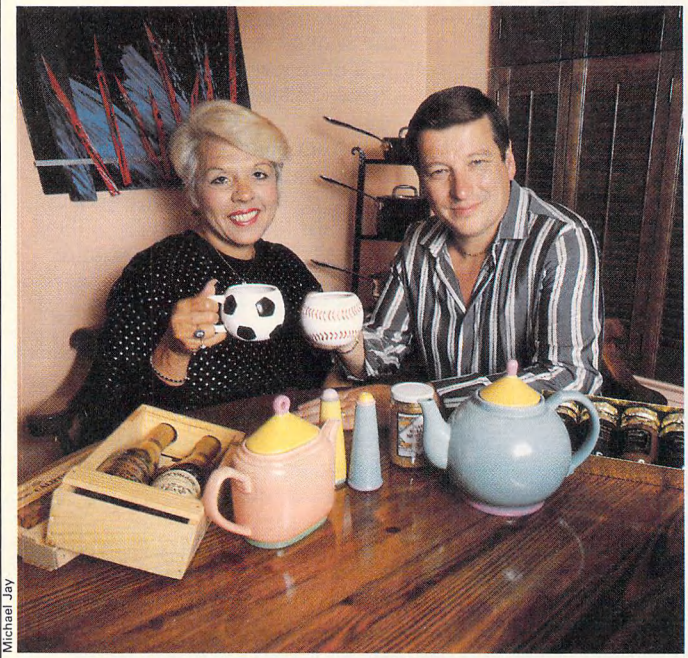
Belssner recently introduced her store-within-a-store concept, which she calls "The Fog Bank." She hand picks specialty California products, such as Napa Valley wine jellies and Gold Rush sourdough bread mix, and groups them online.

At Computer Express (GO CE), Lesley and Philip Schier, who have been part of The Electronic Mall for five years, enjoy the togetherness that comes from being partners in their online business. They specialize in computer software, hardware and accessories in four areas: IBM, Apple, Apple IIgs and Macintosh.

Things seem to be going smoothly now, but Philip admits his career path hasn't always been standard. Among unusual job experiences on his resume are eight years of race car driving, including some car building for Paul Newman, and a shift into the music business. His first production was "Woodstock"—both record and film—followed by work with Quincy Jones, Elton John, Aretha Franklin and others. He also became involved in movie and TV production for prime titles.

"But all things come to an end," he says "and in 1978 a couple of us became interested in the concept of the personal computer. In 1984, I learned about The Electronic Mall, and I knew that's what I wanted to do."

The Schiers recently moved their business from Santa Barbara to Boston, which is closer to many of their manufacturers and suppliers. They run Computer Express from a separate facility attached to their home, and their three daughters (Sarah, Jessica and Kimberly) help out with shipping after school hours. They also have four full-time employees.

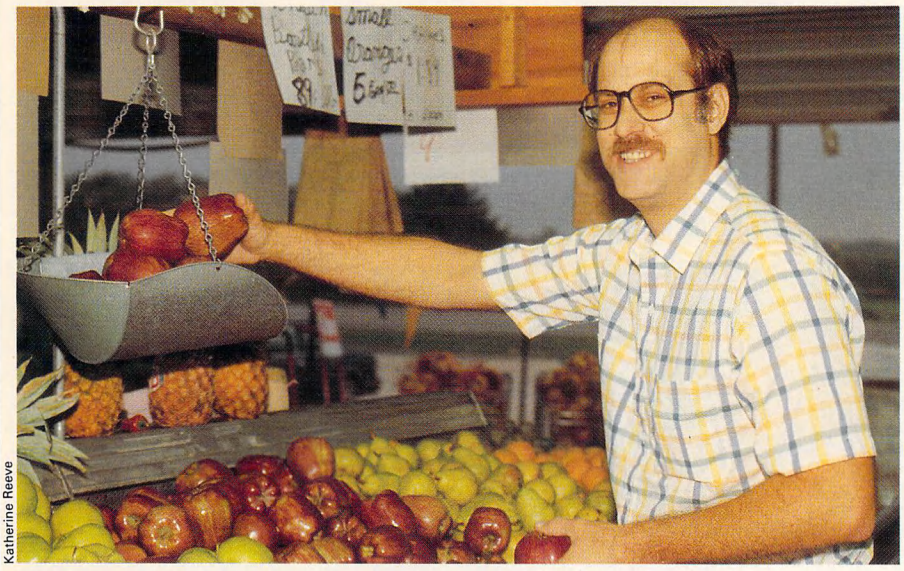


Michael Jay

Cornucopia of coffees for the perfect cup: *Belssners*

Heizen Photography

Family business flourishing: *Schier family*



Katherine Reeve

Mall orders help fruit-shipping business grow nationwide: *Del Greco*

By opening his store online three years ago, Rick Del Greco of Florida Fruit Shippers (GO FFS) has taken his regional business to the national level. His appetizing product lineup consists of fresh Florida grapefruits, oranges, avocados, mangos and pineapples. He also features carambola, the "star fruit," which is sweet-tasting and fragrant.

Del Greco, who also has a regular retail store in Gulfport, Fla., says that fruit shipping originally was a small part of that business. "But the shipping has become magnified since I've been online in The Mall," he says. "It's great to reach a national audience now."

This year he expanded his online offerings beyond fruits and gourmet Florida seafoods to include Southern delicacies. On his menu are Vidalia onions and pecans from Georgia, and Southern jams and jellies, such as peach preserves and blackberry jam.

If there's one misconception about fruit, Del Greco says, it's that fruits disappear with the holiday season. "Lots of terrific fruits, such as temple oranges and honeybell tangelos, are also available after the holiday season," he says.

Go ahead. Take a minute to scan the roster of Electronic Mall merchants. That unique specialty gift may be right at your fingertips.

—TSS

Snappy Hints and Tips for Easy Mall Shopping

Similar to all of CompuServe's informational services, once you feel comfortable in The Electronic Mall®, you can easily bypass the detailed menus. While the list of Mall merchants is extensive, each has a simple two- or three-letter code that you can enter after the basic GO command to take you directly to that store.

For example, if you want to price a product at Software Discounters of America, you can locate the computer section in the main Mall menu and track it through several steps. Or you can simply type GO SDA—and you're there.

Following is a list of bonafide clock-and-dollar crunchers to let you enjoy—and get the most out of—your time at The Mall.

- Take a quick trip to The Electronic Mall at the beginning of each month. This is when many merchants update their databases and introduce new items, specials and sales.
- Have all essential ordering information handy before going online. This includes credit card numbers and their expiration dates, and complete addresses if you plan to send gifts directly.
- Read *Go Mall*, the newsy insert in *Online Today* that details new merchants and Mall happenings. There is also a calendar of events that specifies free connect times and Mall promotions. Mark these on your calendar so you'll know which products will be on special. *Go Mall* appears bimonthly from January onward.
- Put your name on mailing lists for all free catalogs. This helps bring the merchant to life by letting you see the full product descriptions.
- Open charge accounts with several Mall merchants, such as Walter Knoll Florist, Simon David, Bloomingdale's and Brooks Brothers. That way, you'll have an account handy when you wish to shop.
- When you do order from a merchant, print a hard copy of descriptions in your order for future reference. Also, ask to have an EasyPlex receipt sent to you.
- Log on frequently to read the billboard and weekly What's New and Mall News articles (GO EMN).
- Play the online Mall games, which usually earn you CompuServe connect-time credits. Lots of merchandise—big and small—is given away, too!
- Remember that ordering is easy. You are prompted several times along the way, and you're given several chances to correct invalid information. At the end of your order, you see a printout of your order, so making mistakes is hard to do.
- The Mall Manager is there to help you. Need a suggestion on what to buy for your hard-to-please friend or relative? Just ask the Manager, and you'll receive a quick reply by EasyPlex.
- Each Mall store has a customer service area. Ask for more details about products or for items you would like to buy but don't see in the store. Many merchants will go out of their way to assist you in finding specialty items.
- Join user groups to increase online functionality and pleasure. This is particularly useful if you are buying computer-oriented equipment. There are several active forums with one undoubtedly geared toward your type of hardware.

—TSS

Contests Add Fun to Mall Shopping

You won't hear bells, buzzers or tooting horns signaling that you're right or wrong. There are no enormous dice to roll and—thankfully—no Richard Dawson to endure. And, alas, no voice will beckon you to "Pick a letter, Jim" or to "Tell America about your hobbies, Mary."

Instead, contest time at The Electronic Mall® promises shoppers a fresh, fun array of games, mysteries and trivia tests. Glitz and glamour also are plentiful in the form of prizes, which range in value from a $5 CompuServe usage credit to a week's stay at a resort of your choice.

"We work to create a fun atmosphere. If you go into a regular shopping mall, often they've created a theme or have shows going on," says Regina Brady, CompuServe's director of customer promotion. "We have a major promotion going on here every month."

Greg Trotter, a college junior from Tecumseh, Okla., is an avid computer and contest enthusiast. Last spring, while browsing through The Mall, he discovered the "Murder at The Mall" mystery and decided to take on the challenge.

"I spent an hour online visiting about 50 to 60 merchants," Trotter recalls of his strategy. "I got all the clues, printed them out, then scanned them for about a week and a half until the answer dawned on me late one night."

He immediately dialed up CompuServe. Tecumseh, however, a community of about 6,500 people, is notorious for having bad long-distance phone lines, and that night "it seemed someone didn't want me to get through," he jokes.

But he did! And his $500 usage credit is welcome proof. A couple of years ago, Trotter had to cancel his CompuServe membership because both Tecumseh and his family's newspaper business were hard hit economically. But shortly thereafter, friends in Tennessee saw his name published in *Online Today* as the winner of the "Gift of Time" essay contest, which earned him a $60 usage credit. He has been online ever since.

Mall contests and promotions vary a bit in terms of challenge, number of winners and size of prizes. For instance, "Murder at The Mall" put before shoppers the mission of determining who had killed The Mall Manager. As it turned out, the correct name of the murderer—First-Time Franny—could be identified either by eliminating suspects one by one, or by taking the first letter of each clue and rearranging the letters to spell her name. All subscribers submitting correct answers after Trotter's received $12.50 usage credits.

Conversely, "Your Number's Up" is much easier and quicker to play and requires less strategy. Just log on, answer a question, fill in an official electronic entry form and check back each week to see if your User ID number is posted. Forty User ID numbers are posted every Monday for six weeks, and if your number is there, you are eligible to go to the electronic prize showcase to select a prize. All entries are eligible for the grand-prize drawing at the promotion's conclusion.

Greg Miller

Contests and "freebies" abound: *Morgan*

What about that ol' lottery sidekick known as "luck"? Leonora and James Bills of Macon, Ga., found both luck and great timing to be winners for them. At 5:14 and 5:15 p.m. on January 1, the couple became the parents of twin girls and winners in The Mall's first annual "First Baby Contest."

"My husband logged into CompuServe while I was resting in the hospital after having the twins," says Leonora. "He saw the contest, and decided to give it a try."

The Bills won goodies donated by Mall merchants. Among the contents were a toy yellow duck, coffee, cookies, fruit and a Bunny Bee designed by Xavier Roberts, creator of the famous Cabbage Patch dolls. Leonora's favorite, though, was a two-foot-high doll with natural-looking hair and hand-painted eyes. "She's such a pretty doll that we've decided to go shopping in The Electronic Mall to find a mate for her," adds Leonora.

Cindy Morgan, CompuServe Mall promotion consultant, promises contests and freebies—such as free connect time and gift advice—will be omnipresent this holiday season and throughout 1989.

Beginning this month, "Holiday Bazaar '88" offers an electronic gift-giving service featuring more than 300 items. Gifts may be scanned by price—$25 to $50, for example—and include basic name, price and merchant. For further details, enter the product's number and you are automatically linked into the merchant's database. Additionally, gifts are placed into a variety of categories, such as Visions of Sugar Plums (gourmet gifts and goodies), Scrooge's Source (everything under $10) and the "Twelve Days of Christmas."

If you're still stumped for ideas, why not "Talk to Santa"? Just leave an electronic message to Santa detailing your gift dilemma and your preferred price range.

"During November and December, we typically answer several thousand letters," Morgan says. "And we really do make an effort. Say the shopper has an 87-year-old grandmother who

lives in Topeka and he has $25 to spend. We'll write back with three or four suggestions."

Kids also write Santa, pinpointing how good they've been all year. "We respond by saying Santa will do his best. And to leave cookies and milk," adds Morgan. "Then, of course, we get older 'kids' who think they're being cute by requesting Ferraris, trips to Tahiti or new wives." Morgan's favorite letter to date was written by a deaf boy, who declared her the "real" Santa, because the ones in regular shopping malls couldn't understand him.

Santa also will be online "live" to talk with shoppers during the three Saturdays following Thanksgiving. The event is new this year and promises to be festive, complete with door prizes.

"Farewell to the '80s" is another upcoming biggie, set to kick off in January. This contest consists of 20 trivia questions about merchandise and shopping in the 1980s. Possible questions include "How many Teddy Ruxpins were sold during the Christmas of 1978?" and "What's the best-selling video of all time?" Like "Murder in The Mall," answers are buried in the databases of the various Mall merchants. There will be a deluxe grand prize along with many lesser-value prizes.

If auctioneers get your blood pumping, be sure to tap into The Mall's semi-annual auction sales, which are held conveniently during weekend evenings. Brady explains, "It starts with 10 to 12 items in a particular part of the auction block, and prices continually drop. In five or 10 minutes, an item may drop from $100 to $20. You have to figure out what you can afford to pay and, if it's a hot item, when to bid to beat out the others. It's a balancing act, kind of like a K mart blue-light special."

During 1989, also keep an eye out for sidewalk sales, "TaxTime at the Mall," and online conventions with noted authors and industry experts. And, of course, individual Mall merchants continually sponsor their own fun giveaways, promotions and contests.

So don't despair over leaving a few bells and buzzers behind. Just think of the intrigue, entertainment and triumph awaiting you in The Electronic Mall.

—TSS

Meet the Faces Behind The Electronic Mall

Ever wonder if there really is a Mall Manager? If there really is someone behind your screen who cares and wants to answer your questions? Have you given thought to all the software wizardry needed for shoppers to place orders—or for merchants to conduct sales and promotions? Just who does it all?

Actually, behind your computer screen at CompuServe's headquarters in Columbus, Ohio, is an entire Electronic Mall staff. The staff is divided primarily into database editors, who design the layout and menus for each store in The Mall, and the client support services department, which helps new merchants get acclimated online.

Answering shopper inquiries: *Wardlow*

The Mall Manager is Sally Wardlow, who enjoys receiving online questions and comments from shoppers, and prides herself on quick responses. To correspond with Wardlow, select the "Talk to the Mall Manager" option from the Mall menu.

Typical questions? "I've received such messages as 'Where can I find so-and-so product?' to 'Why don't you have that product?'" says Wardlow. "I also receive basic questions on ordering, such as how to place an order or in what store a specialty item might be found."

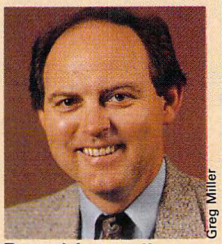
Wardlow's inquiries average about 25 a day, rising to a peak of 100 a day during the Christmas shopping season. She doubles as the auctioneer in "Talk to the Auctioneer," and helps out with similar duties as needed. Complaints also seem to fall within her domain.

"Sometimes shoppers write to me about a problem receiving or returning a product," says Wardlow. She acknowledges that she received the customer's note and indicates that the problem will be checked into soon. She does prefer, however, that interaction between customers and merchants be direct.

"Just like a real shopping center," she says, "every store has different policies, so they're best able to discuss any questions or concerns. But I do contact the merchants by phone, and in most cases the merchants are grateful for the comments."

Regina Brady, CompuServe's director of customer promotion, works closely with Cindy Morgan, The Electronic Mall's promotion consultant, to develop *Go Mall*, a bimonthly pull-out section in *Online Today*, featuring vivid photographs of products for sale in The Mall. This colorful insert acts as a catalog to help shoppers visualize the products and types of stores available.

Brady also works with Mall merchants to coordinate their promotions with publicity both online and in *Go Mall* so shoppers will know about the specials. Brady and Morgan brainstorm contest and sale ideas. Once a contest or promotional idea is selected, merchants are notified. Merchants gain publicity by donating products, and they enjoy this involvement with customers.



Greg Miller

Recruiting online retailers: *Arnold*

Finally, Jim Arnold, manager of sales and operations for The Mall, works to attract new stores to The Mall. There are currently more than 100 stores, he says, and "we're constantly recruiting new ones through sales calls, telemarketing and direct mail. The specialty-interest stores often discover us through *Go Mall*."

A database design specialist develops the structure, menus and layout of each Electronic Mall store. A technical staff supplements the specialist when new and different applications are needed, such as for the "Murder at The Mall" contest. After new technology is proven useful, it is recycled for future projects.

There is a variety of behind-the-scenes people who help to pull The Electronic Mall together. Their talents include customer service, editorial development, production and administrative resources.

Next time you flip on your computer and modem to do a little online shopping, you'll know that there really are people at The Mall waiting to help.

—TSS

How to Get The Most Out of CompuServe

Understanding Default Settings

by Charles Bowen and David Peyton

Language used to describe computer concepts can be an obstacle for newcomers.

Last month we described new meanings telecomputerists have applied to the words "permanent" and "temporary." We observed that in setting parameters online, a user can make changes "permanent," meaning "permanent until I change my mind again."

This month, we will tackle another computer term oddity, *defaults*, as we learn how to set them and change them in the system's Terminal/Options area.

Most of us grew up with negative notions about the word "default," which means failing to do something. A loan is in default if we don't pay it. A business loses a contract by default if it neglects it. Even in sports, default is a bad thing—loss of a game because of a failure to show up on time or to properly meet criteria.

With such a history, it is little wonder that "default" is misunderstood online; it certainly sounds like something to avoid, doesn't it? Actually, though, in computer parlance, "default" is not negative. In terms of parameters, it simply means the setting that CompuServe *assumes* for a particular option unless you specify a different setting.

For instance, the system may assume that you want screen lines of no more than 80 characters, unless you tell it something else. Similarly, it may assume you prefer a screen length of 25 lines per screen, unless you specify a different value. In this sense, both 80 and 25 are defaults.

Last month, we saw how to change some of these defaults with the Set command. Entered at any prompt, SET WIDTH 32 will change the screen width from your default (whatever it is) to a maximum of 32 characters; SET LINE 16 will change the depth of the screen to 16 lines instead of the default.

Changes made with the Set command are temporary; they last only until the end of the current session. When you log off and on again (start a new session), the system automatically returns to its default settings.

To change those defaults permanently, we must travel to a special part of the system. If you type GO TERMINAL (or GO OPTIONS) at any prompt, you are taken to a menu that looks like this:

```
TERMINAL SETTINGS/SERVICE
OPTIONS
Use this area to change your terminal
type/parameters and/or service options.
 1 Instructions
 2 Change permanent settings
 3 Explanation of session vs.
   permanent
 4 Show session vs. permanent
 5 Change current session settings
Enter choice!
```

Controlling the setting of defaults, this area determines how CompuServe displays information to you at log-on and throughout your session. We saw last month how these defaults get their original settings. When you log on for the first time with a new User ID number, CompuServe prompts you for facts about your computer and software. The system then stores your answers as your defaults. Those settings and more now can be changed in the Terminal/Options area.

When you access this feature, the system may inform you that your permanent and temporary settings do not match. As you can see from this menu, Terminal/Options enables you to change settings permanently with Option 2 and temporarily with Option 5. (The latter option often is called "session," to remind you that the changes made with it are for the current session only.) Meanwhile, Option 4 is a handy preliminary feature, because it compares the settings of both permanent and session parameters.

Why would I want to change options only temporarily?

Perhaps for the same reason you try on new clothes or test drive a new car. To see how it feels. Actually, many of the options—such as those we will cover this month—deal primarily with the *display* of information. Depending on your computer and software, you might enjoy a different view of CompuServe than you can discover through tinkering with the Terminal settings.

OK, but why enter this part of the system to make temporary option changes? We have already seen how you can do the same thing faster with the Set command.

The Set command is fine for one or two quick changes. However, if you have a number of alterations you want to try, the Terminal/Options area can compare the temporary settings with permanent ones (Option 4), then make a number of changes at one time with Option 5.

Do not get confused: changes made as "session" here are as temporary as those made with the Set command. Either way, you can explore the system to see how the changes feel. If you don't like the results, simply log off and the changes are canceled. If you like the new look, come to the Terminal/Options menu and select Option 2, "Change permanent settings." That produces this menu:

```
PERMANENT SETTINGS
 1 Explanation
 2 Log-on/Service options
 3 Display options
 4 Terminal type/parameters
 5 Transfer protocol/graphic support
 6 Make session settings permanent
Type EXIT when done
Enter choice!
```

Note that Option 6 will "make session settings permanent."

More than 25 parameters are set and controlled in the Terminal/Options area. As you can see on this menu, they are divided into several groups: log-on and service options, display options, terminal type and communications parameters, and transfer protocol and graphic support. This month, we will continue to concentrate on the display defaults.

If you select Option 2 from this menu, you see:

```
PERMANENT DISPLAY OPTIONS
 1 PAGED display [NO]
 2 BRIEF prompts [YES]
 3 CLEAR screen between pages [YES]
 4 BLANK lines sent [YES]
 5 Line feeds sent [YES]
Enter choice!
```

Notice that each option on this menu is followed by a word in square brackets. The word in square brackets represents your current default setting on the Terminal/Options area menus. In this example, each display option except the first one has a default setting of "yes."

Changing defaults is easy, because menus guide the way; your current default always is identified and then the other options are explained. To see how it works, suppose you chose Option 1 on this menu—PAGED display—which shows you this menu:

```
PAGED DISPLAY
Permanent setting = [NO]
 1 YES
   (Output is presented in pages; you
   are asked to enter <CR> after
   each page.)
 2 NO
   (Output is scrolled continuously to
   end of article.)
Enter choice!
```

This format is typical of the secondary menus presented in the Terminal/Options area. As you see, the line immediately following the header tells your current default setting ("no" in this example), followed by a brief explanation of each alternative.

Setting this parameter to "yes" causes CompuServe to send you its data in the form of "pages," that is, a preset number of screen lines followed by a prompt to press the Return key for more. Setting the option to "no" causes incoming text to scroll continuously to the end of selected articles.

Are there "correct" answers to the questions posed in the Terminal/Options area?

There are a few, but most of the answers you provide here are simply a matter of preference.

For instance, in this case, some users like to have the Page option activated so that when they are reading material online, the system automatically stops from time to time to let the eye catch up. Others prefer to let the incoming text flow freely, choosing instead to use [CONTROL-S] and [CONTROL-Q] to stop and start the transmission, as discussed in a previous column.

If you routinely have your communications program capture online articles to disk files for offline reading, you will probably want to have this parameter set to "no" so that the incoming text will scroll without page breaks.

Remember that this default can be overridden temporarily with the handy Set command. From any point in the system, type SET PAGE ON or SET PAGE OFF.

The next option on the display parameters menu asks whether you want "brief prompts." Setting it to "yes" puts you in "expert mode," causing you to receive abbreviated prompts throughout the system. Answering "no" leaves you in "novice/intermediate mode," to receive full prompts along the way. Typical prompts in novice/intermediate mode read:

```
Enter choice ! and
Enter <CR> for more !
```

By contrast, the same prompt in expert mode is an exclamation point in the first example (!) and "More !" in the second. Elsewhere in the system, expert mode suppresses most of the verbose command prompts or menus designed for newcomers.

Generally, it is a good idea to leave your permanent setting for "brief prompts" at "no" until you've become familiar with the system.

How do I know if I am ready to step up to brevity?

By setting it to "yes" temporarily and seeing the difference for yourself. You can do that through the Terminal/Options area or, on the fly, by typing SET BRIEF ON at any prompt.

The next display option determines whether blank lines are sent.

Why would I want to receive blank lines from CompuServe?

Across the system, blank lines are used to make text more readable, as white space is used in typography to separate bodies of type to make it easier on the eye.

Setting this option to "no" (that is, "don't send blank lines") will save a little space and time. However, it may make the incoming text more difficult to read.

This is another option you should experiment with before setting it permanently, especially if you are considering abandoning "normal mode" (the "yes" setting) for the suppression of blank lines. To test it, either set the option temporarily through the Terminal/Options area or use the Set command sequence, SET BLANK OFF and SET BLANK ON.

The final default—Line Feeds Sent, yes or no—is the only one among the display parameters that needs to be handled with care. In other words, this has a "correct answer," depending on your particular communications software.

Normally, CompuServe sends a line feed every time it sends a carriage return. Picture a typewriter: every time the carriage is pushed to the right, the paper also advances to the next line. Most communications programs anticipate this, and this parameter can be set to "yes," causing CompuServe to continue sending the line feeds.

However, a minority of terminal programs issue a line feed every time they receive a carriage return. The effect is double spacing. One line feed is provided by CompuServe and immediately another is provided by the terminal program. In that case, you want to set the Line Feed Sent option to "no." Obviously, caution should be exercised with this option because if it is incorrectly set to "no," incoming text will overwrite itself.

Next month, we will continue exploring this corner of the system, looking at settings in other groups of parameters.

Charles Bowen and David Peyton co-authored How to Get the Most Out of CompuServe *and* CompuServe for IBM PC Power Users. *Bowen's CompuServe User ID number is 70007,411 and Peyton's is 76703,244.*

Read Online Columns

When you want to read opinions behind the latest computer and information industry news, turn to *Online Today Daily Edition's* Columns. You'll find insights, witticisms, user tips and more by leading computer journalists. To read any of the columns, type GO OLT-110 at any CompuServe Information Service prompt.

COLUMNS	**OLT-110**
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Behind the Screens	**OLT-130**
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HTGTMOOC Tutorial	**OLT-3400**
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New York Convention & Visitors Bureau

Skaters greet the holiday season: *Rockefeller Center*

New York! New York!

Christmastime or Anytime is the Right Time in the Big Apple

by Peggy and Chris Devan

The saying is that if you leave a Broadway musical whistling, you've seen a hit. Christmas season in the Big Apple can leave you "whistling," but a "hit" of a visit takes planning.

New York has it all, but to *do* it all you need comfortable shoes and an itinerary. The right place to stay is also important. One of the advantages of large hotels in large cities is the weekend specials. Attractions can be free parking, free meals or cocktails, or a bottle of champagne in your room when you arrive. Location and price, along with the extras, can make the hotel the most important factor in the success of your trip.

The Beginning Tour

If you've never been to New York City or just haven't been back for a while, take a first-day daylight tour of the city. This refreshes your geographic sense, emphasizes changes that have taken place, provides quick and splendid coverage of all the things that a good tourist should see, and leaves plenty of time to go back to the things you want to see more of.

It's true that the only way to see New York is to walk; however, there are limits. To get around the city other than on your feet, you have three choices. Taxis, which are not really expensive but which are usually driven by assertive—not to say aggressive—drivers, can cause heart palpitations. In the long run, they're the best buy.

Buses, if you know the system or can figure it out, are inexpensive but crowded. (Pick up a subway map and a bus map at Grand Central Station or at the Columbus Circle Convention Center.) You hear a wide mixture of languages: European, Asian, New York and "gutter." Riding a bus is also great for getting a view of the streets.

The famous New York subways are scary, dirty and the most efficient, most dangerous mode of travel. If you're game for adventure, can travel in groups and enjoy train rides, take one of the longer, more traveled daytime trips: Seventh Avenue from West 54th Street to Christopher Street in Greenwich Village or ride an express from Wall Street up Lafayette Street and Park Avenue to Grand Central Station.

Glorious Food

Check out the area surrounding your hotel for one of the small neighborhood delicatessens that offer breakfasts of variety, economy and total eat-worthiness. Typical menu items will be scrambled eggs with lox, omelettes with a variety of additives, bagels with cream cheese or, for the frugally minded, rye toast or Danish with coffee and freshly squeezed orange juice. These dining spots are inexpensive, and the waiters are among the most interesting New Yorkers you'll meet: polite, rushed, good-humored and capable. Famous examples are the Carnegie on Seventh Avenue at 55th Street and the Stars at Lexington and 52nd Street. There are many other delis throughout the hotel district and, for that matter, throughout the city. Watching a good short-order cook operate is a treat in itself.

Little neighborhood grocery stores are also important. You can pick up good fresh fruit, cheese and other snacks and mixers for your in-room cocktails and rest times.

Lunching, tea-ing, supping and dining in New York is an ever-changing merry-go-round. Lunch can be a "wherever you're at" type of meal, while dinner can be something to plan and explore. There are plenty of good restaurants available. To mention a few is to ignore 10 times as many that are equally good or better. Having said that, here are a few to try:

The Metropolitan Museum of Art has a splendid cafeteria and also offers table service. The Russian Tea Room is justly famous and the Plaza Hotel, with its numerous dining areas, is equally so. The Palm Court is spectacular but always seems to be full. The Nirvana Penthouse on the 15th floor of 30 Central Park South has a superb Indian menu and a great view of Central Park.

For other "heavenly" restaurants, try the Top of the Sixes, The View in the New York Marriott Marquis or the Top of the Park. There is also the Skylight in the Novotel and, at the top of the "tops," Windows on the World, 107 stories up in the World Trade Center. Most of these are both elegant and expensive. Some are private clubs at lunchtime, so select carefully and dress accordingly.

More down to earth are such places as Keen's Chop House, an old standby featuring mutton chops and thousands of clay pipes; Au Tunnel, with a good French menu; and Charley O's.

You can sit in easy chairs and ring the bell for the waiter in the Algonquin Hotel's lobby-lounge. During the winter season, the American Festival Cafe in Rockefeller Center is fun because you can watch the ice skaters as you lunch. Number 1 Fifth Avenue is a fine dining room and, after 9 p.m., a splendid nightclub.

Show Time

You can secure theater tickets either through an agency ahead of time or by standing in line at the Times Square Ticket Center (for half-price tickets to that night's performance). Plan dinner after the show and make reservations accordingly. Tell the maitre d' that you'll be arriving after the theater lets out so he knows what to expect.

Famous street scene: *Times Square*

To tide you over until that late-night meal, in the late afternoon, either return to the hotel room for a rest and a snack or find a somewhat "elegant" place for "afternoon tea." Try the Oyster Bar in Grand Central Station or the Top of the Sixes at 666 Fifth Ave.

Speaking of theater and especially theater around Christmastime, try to get tickets to the Radio City Music Hall Christmas program. Every year it's different and every year tops the previous one, with the famous Rockettes and their precision dancing, the nativity scenes adorned with real animals (camels, sheep, goats and more), entertaining dance routines and, of course, the splendid dual pipe organ. Surround this with other traditional Christmas events, such as the Christmas tree in Rockefeller Center, the Hanukkah candles at City Hall, the special musical events at the Cathedral of St. John the Divine, Lincoln Center, Carnegie Hall and the Metropolitan Museum of Art and the Museum of the City of New York.

On the Streets

The Christmas season is magic, and a part of the magic is in the frantic pace of the people. New York is a city that embodies all the wonderful sensations associated with an old-fashioned Christmas: biting air, snowflakes on eyelashes, good feelings combined with the street scenes of New York—vendors of soft pretzels and mustard, hot fresh-roasted chestnuts, fresh orange juice, hot dogs, all sorts of food novelties sold from little carts on the sidewalks, horse-drawn carriages starting in front of the Plaza Hotel and the clop-clopping through Central Park (a splendid rest for the feet and a never-forgotten thrill for the youngsters).

Street artists sketch portraits; vendors sell an astonishing variety of merchandise; street musicians, who are frequently music students from Julliard and other fine music schools, play Christmas music or any other kind of music with an opened violin case on the sidewalk to catch the contributions of passersby. If you're in the neighborhood of Herald Square (34th Street at Broadway and Sixth Avenue) at the top of the hour, make a point of watching the bronze statues ring the great bell.

Even without touring the United Nations (one of the tourist musts), you'll see, on all your travels, an astonishing variety of garments—from the flowing saris of the beautiful Indian women to the long black coats of the Hasidic Jews; from turbanned Sikhs to the corn-rowed heads of American Blacks; from street people, found wherever there is an open grate, to the spaced-out denizens of Times Square and 42nd Street; and in the major shopping areas of Fifth Avenue, beautiful people in beautiful clothes.

More street scenes—taxis abound (except during a rainstorm) and compete for road space with the stretch limousines. You'll see bicycles and clothing carts in the Garment District of Seventh Avenue, and handcarts of groceries and clothing on the Lower East Side.

Museums

But not all the sights are on the street. There are hundreds of museums, archives, galleries, libraries and architectural gems to see in New York. Buy the Sunday *New York Times* and the

Amazing artifacts: *The Met*

New Yorker a couple of weeks before your trip to find the specific exhibits and shows that appeal to you. Keep in mind that nearly every museum in New York is closed on Mondays.

The Guggenheim and the Cooper Hewett Museum of Design should be a standard part of every New York itinerary. One of the most exciting new museums is the South Street Seaport Museum, a whole area basking in the shadow of the Brooklyn Bridge, dedicated to the history of New York as a seaport town and complete with buildings, restaurants, shops and ships.

The finest non-museum is the New York Stock Exchange with its daily (Monday through Friday) opportunities to see how trading works. Another non-museum to visit is the United Nations. And don't forget the Hayden Planetarium, a definite must for New York visits. And this is the bottom line about "muse-ing" in New York: The opportunities are endless. Take advantage of them.

The Stores

All the hustle, bustle and excitement of shopping in New York makes for a special Yuletide experience—even if

Yuletide yearnings: *Bloomingdale's*

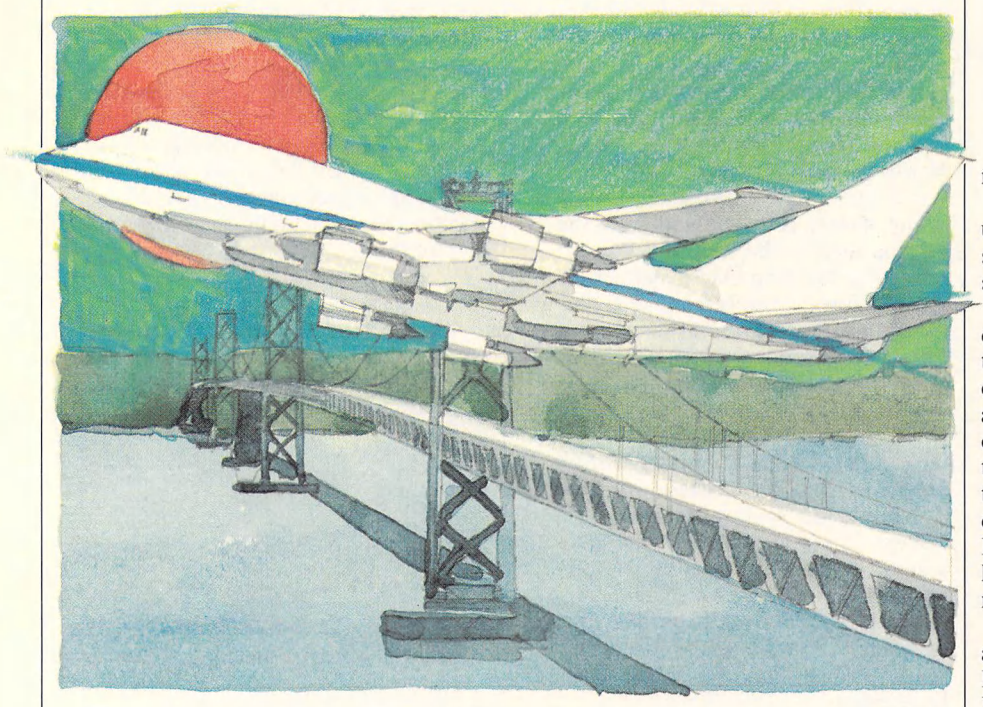
the shopping is only window-shopping. But what windows! From the Thanksgiving Day Macy's parade on through New Year's, the windows on Fifth Avenue and almost anywhere else are a blaze of gaudy, tasteful and wondrous scenes, sometimes showing merchandise and sometimes just showing. Many of the stores are almost museums themselves—F.A.O. Schwartz Toy Store, Macy's, Tiffany's, Fred the Furrier and Godiva Chocolates, Steuben Glass and Bloomingdale's, Brooks Brothers and Laura Ashley, the Banana Republic and, if you're game for the truly gamey, the sleaze shops on Times Square.

A Real Hit!

This is what New York is all about—the people who live there and those who visit—speaking all kinds of languages, wearing all kinds of clothes, the rich, the poor, the young, the old, lovers and loners. These make up New York and, having seen and met them, these will make you leave New York whistling. You've seen a hit!

CompuServe can help you plan your trip to New York. For travel tips, ideas and reservations, check into the OAG Electronic Edition (GO OAG), Travelshopper (GO PARS), Eaasy Sabre (GO SABRE) and the Travel Forum (GO TRAVSIG).

Peggy and Chris Devan are residents of Charlottesville, Va. When they are not traveling for business or pleasure, she works for Charlottesville Broadcasting Corp. and he works for Coldwell Banker/Bailey Realtor Co.



That's the Ticket! Eaasy Sabre Contest Winner Announced

by Kathy Baird

As winner of a July contest sponsored by Eaasy Sabre on CompuServe, Thomas Drewke, a free-lance television producer from Oak Ridge, N.J., will receive two free round-trip American Airlines tickets to the destination of his choice within the continental United States. Drewke says that he and his girlfriend will probably travel to San Francisco to visit friends.

Eaasy Sabre (GO SABRE) offers a gateway to the American Airlines Sabre computer, enabling users to make airline reservations directly. The service provides schedule and fare information for more than 625 airlines worldwide. It lists 43 million fares, 40,000 of which change daily. It also includes information on 16,000 hotels and 39 car rental companies, as well as weather information for 600 cities worldwide. All Eaasy Sabre users are members of the AAdvantage Club, which issues a monthly newsletter through the mail.

The Eaasy Sabre contest required entrants to correctly answer three questions about the service, which were available for preview in a free online quiz area. Entries were submitted either online or via postcard.

To answer correctly, contestants had to know the following facts about Eaasy Sabre:

- A flight dependability factor of eight indicates that 80 percent to 90 percent of the flights were on time last month.
- There are seven alphanumeric characters in an Eaasy Sabre ID number.
- There are six alphanumeric characters in the itinerary number assigned upon completing a reservation.

Correct entries were entered in the random prize drawing.

Drewke, who has been a CompuServe user since 1984, has used Eaasy Sabre since it was introduced because it has simplified his travel arrangements.

At least once a month—and frequently more often—Drewke's job takes him to such destinations as Chicago, New Orleans, Miami, Pittsburgh and Los Angeles. While he makes his car rental and hotel reservations by telephone, he makes flight reservations through Eaasy Sabre and several other online services. When possible, Drewke has his tickets mailed to him; however, when time is short, he arranges to pick them up at the airport.

Drewke views Eaasy Sabre as an alternative to a travel agent. "Because I live in a remote corner of New Jersey, I don't have convenient access to a local travel agent," he says. "Experienced travelers can get better results using Eaasy Sabre. It has lessened time wasted on the phone preparing to travel. And I minimize time in the airport or at a travel agency."

Instead, thanks to the Eaasy Sabre contest, he will be spending time in San Francisco.

On the Road Again: Weekend Trip Tips

by Jenine Howard

Because my husband and I have trouble finding time for a long vacation together, we like to take "mini" vacations by getting away on weekends. We can grab the excitement of the city, or soothe our nerves with a trip to the country. But because we like spontaneity—and perhaps because we think of it as "just a weekend"—our usual approach is to drive to our destination first and then concern ourselves with finding a place to stay and something to do. That's not always the best approach, especially in the peak seasons.

Since using CompuServe, however, I've found that planning takes only minutes, and that the services online work just as well for a weekend trip as for a world tour. Now we keep the spontaneity and still have the bugs worked out.

We recently planned two weekend trips for the fall—one to Chicago to take in the city pleasures, and one to see the autumn colors in the hills of southern Indiana. I decided to see what help I could find from CompuServe.

Because we drive our own car, I am interested in safety and upkeep. Under Information USA (GO INFOUSA), I found places to write for tips on safe tires and on saving gas. There's also information for the handicapped on which federal parks and recreation areas have wheelchair access.

If we didn't have a car, like many residents of large cities, or—as is sometimes the case—if our car were in the shop, we could rent one by accessing Eaasy Sabre (GO SABRE) and Travelshopper (GO PARS). We can select a car by size, price range and design, and make a reservation before leaving home.

We never forget to plan something to entertain our three-year-old on the (to him) long ride. Under Information USA, I found the listing "Toys for the Young Traveler Free." By writing to Washington, D.C., I got free

coloring sheets, song sheets, photographs, posters, bike stickers, wallet cards, and litter bags for snacks along the way.

Once the car trip is taken care of, the next step is to find lodging by accessing the ABC Worldwide Hotel Guide (GO ABC). ABC offers addresses, toll-free numbers, room rates, distance from the airport, dining facilities, date of original construction, pet restrictions, amenities and more.

There are 79 hotels in the Windy City. Since we want to be within the heart of the loop and near Lake Michigan, we quickly narrowed that list by choosing the City Center and Beach options. Other options, such as allowing pets, narrowed the list to three, out of which we chose the Drake. It is 15 minutes from the Shedd Aquarium (my husband is a fish enthusiast) and to the theaters. Nearby are the stately Field Museum of Natural History and the Art Institute, and the fabulous shopping on Michigan Avenue and Grant Park. A five-minute walk takes us to the lakefront. And, it's only a short drive to Wrigley Field, where—for better or worse—we can now see night baseball games.

Of course, the bright lights of the city are wonderful, but when we want some peace and quiet, there's no place like the hills of southern Indiana—especially in the fall, when the tree-covered hills are full of glorious colors.

To find a place to stay, I accessed WorldWide Property Exchange (GO WWX), which lists bed-and-breakfast inns nationwide and around the world. It gave us the name of a cozy inn in Nashville Ind., a hamlet that has attracted artists and crafts people over the years and has evolved into an art colony and tourist attraction. The country roads winding out of Nashville lead to Columbus, a small city with a large collection of world-class architecture, and Bloomington, home of Indiana University. Hoosiers love to combine fall foliage-viewing with an IU football game. You can't do that without planning ahead!

If there hadn't been a Nashville, Ind., listing in the Worldwide Exchange, I would have turned to the Multiple Listings option under "Bed and Breakfast," which lists 13 bed-and-breakfast organizations around the world, with their addresses and phone numbers, room rates, restrictions and areas covered. There's an inn listed for almost every need.

Before I'm finished planning, I check into a fun service to get mentally prepared for our outings. Adventures in Travel (GO AIT) is a treasure trove of information by travel writer Lee Foster. His running backlog contains articles on specific places and events and anything that might interest the travel lover. He has written on New York City, Tucson, Minneapolis and Michigan's national parks. So far he hasn't covered Indiana or Illinois, but after perusing the AIT files, I'm all ready for our next "spontaneous" weekend—wherever it may be.

Jenine Howard is a former senior editor of Satellite Orbit *magazine, and a former travel and copy editor for* The Saturday Evening Post. *Her CompuServe User ID number is 76004,1761.*

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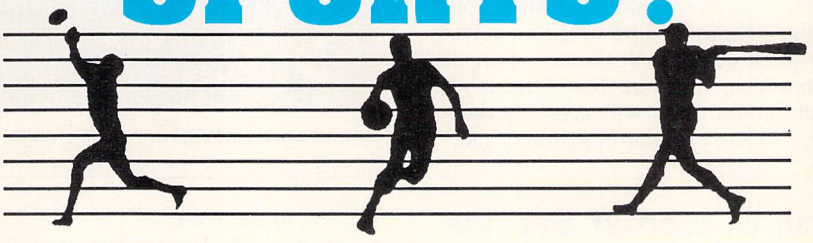

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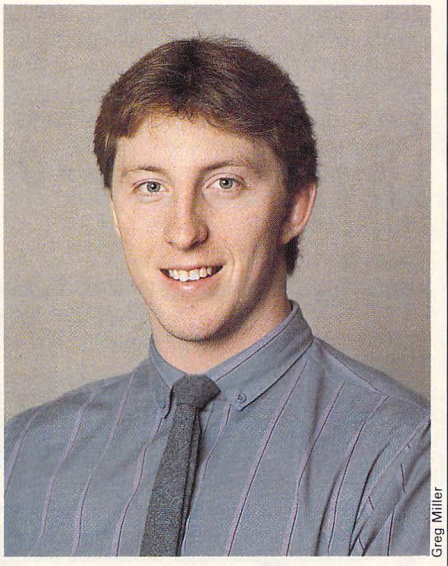
GO OLI for more information.

Tip of the Month

Mike Blackwell, a CompuServe Customer Service representative from noon to 9 p.m., is studying computer science and communication at Franklin University in Columbus, Ohio. "The hours I work enable me to accommodate my college schedule and to work full time in the evenings. I have endless opportunities to learn general information about the CompuServe Information Service and to exercise my people skills and problem-solving techniques," Mike says.

Mike, the support representative for the CompuServe Navigator software, says, "Software that automates your online session can be useful in getting the most out of your connect time and minimizing your bill. Navigator is one such product that will save you the price of the product in a short time."



Greg Miller

Speed online navigation: *Blackwell*

Ask Customer Service

Q: I travel often on business trips. Does CompuServe have services that let me view airline schedules and make reservations?

A: Yes. You can view airline schedules and make reservations online through Travelshopper, Eaasy Sabre and the Official Airline Guide Electronic Edition. Type GO FLIGHTS for more information.

Q: Is there a service that enables me to make hotel, car rental and airline reservations?

A: Travelshopper (GO PARS) and Eaasy Sabre (GO SABRE) allow you to make airline, hotel and car rental reservations. You also can obtain a hotels listing in the ABC Worldwide Hotel Guide. Type GO ABC for more information.

Q: Where can I find advisory information for international travel?

A: The International Travel database offers updates on State Department advisories and visa and passport requirements. The State Department section includes current information on traveling to various countries. The advisories cover political unrest, currency regulations and general information for the American traveling abroad. Type GO TRA-9 for more information.

Q: I'm planning a trip to the western United States. Can I find information specific to the West?

A: Yes. The West Coast Travel database offers travel information for your western destinations. You will find information on getting there, main attractions, area history and much more. Type GO WESTCOAST for more information.

Q: What should I do if I need to cancel airline reservations placed through one of the airline services?

A: Airline reservations placed through Travelshopper, Eaasy Sabre and the Official Airline Guide Electronic Edition can be canceled in the services' Feedback area. Be sure to check fare restrictions for possible cancellation penalties.

Q: Where can I share information on my travel experiences with others?

A: The Travel Forum is dedicated to the discussion of travel throughout the world. In addition to the many files available for downloading, you can exchange information with others in a conference area. Type GO TRAVSIG and select Option 8 to join.

Q: I am thinking about traveling abroad. Where can I obtain travel tips?

A: Information USA offers a comprehensive list of federal agencies that provide free information about American embassies, country studies, emergency centers, maps, travel advisories and climate data. Type GO TRA-9 for more information.

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The winning essays are published in *Online Today*.

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As a salesman, I need to know what is best for my customers. The business forums help me compare products and prices. I have joined the International Entrepreneurs' Network to learn how to start a business.

Many of my friends who want to work from home find CompuServe's Working From Home Forum invaluable.

For my non-business needs, Shoppers Advantage helps me save 40 to 60 percent on name-brand products that can be shipped directly to my home. For entertainment, I access Hollywood Hotline games and sports online. CompuServe also meets my education needs with a host of reference materials.

I encourage my friends to go online. And, for those who don't have computers, CompuServe is a good reason to get one.

Ronald D. Ruffner
San Francisco, Calif.

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Online Today Guide	**OLT-351**
Previous Weeks' What's News	**OLT-270**
Uploads Updates	**OLT-3700**
What's New	**OLT-70**

Acer LP-75 Laser Printer:

Compatible with LaserJet Series II

Acer Technologies
401 Charcot Ave.
San Jose, CA 95131
408/922-0333

Computers: Any computer capable of driving a serial or parallel laser printer.
Operating System: MS-DOS or IBM PC-DOS version 2.0 or higher for Acer's Laser Printer utility.
Features: Fully compatible with Hewlett-Packard's LaserJet Series II; Ricoh engine; 1.5MB standard onboard memory expandable to 2MB; speeds up to six pages per minute; text and bit-mapped graphics resolutions up to 300 dots per inch; vector graphics capability; portrait and landscape modes collated back-to-front or front-to-back; nine built-in type fonts; accepts optional font cartridges and Hewlett-Packard compatible soft fonts; accepts letter, legal, half, A4, A5 and B5 paper sizes.
Options: Acer font cartridges corresponding one-to-one with Hewlett-Packard LaserJet Plus cartridges.
Model Tested: Basic Acer LP-75 laser printer (no cartridge fonts) driven via parallel interface by 1,024K Proteus 286GTX computer running PC-DOS 3.10 at 6 and 12 MHz with assorted applications software.
Base Price: $2,395

Reviewed by Ernest E. Mau

I avoided laser printers for a long time. Not only were they priced too high for the printing I had been doing, but I also wanted the technology to settle down so I wouldn't get a machine that would be obsolete before delivery. Yet, like many people who have used laser printers, I now find non-laser printouts inadequate for even simple chores.

Acer Technologies' LP-75 is a laser printer you don't find mentioned often. Even large supply-house catalogs fail to list it in their compatibility charts. But this Taiwan-built printer is solidly made, uses a Ricoh engine and has given me months of impeccable operation. It's a first-rate printer.

The LP-75 is functionally compatible with Hewlett-Packard's LaserJets, which are supported almost universally by MS-DOS applications. However, first-time users are thrown a curve because the LP-75's operation manual says to use LaserJet or LaserJet Plus software drivers. New software often provides 300 dpi resolution only for LaserJet Series II printers having at least 1MB of memory.

Knowing that the LP-75 has 1.5MB of memory and can print at 300 dpi, I blindly tried LaserJet Series II setups. They worked flawlessly. Weeks later, I found a brochure that says the LP-75 is fully compatible with the LaserJet Series II.

I never found any LaserJet-capable software that wouldn't drive the LP-75 in any mode needing 1.5MB or less printer memory. And the LP-75's memory has been more than enough for everything I've done, including complex text and graphics compositions from Aldus PageMaker, Ventura Publisher and IMSI's PagePerfect. It has worked perfectly with dozens of word processors, business graphics, computer-aided design and other applications.

Not all software prints quickly, but throughput is a function of the software, not the printer. Generally, the higher the resolution, the longer the software takes to prepare data for the printer. One product can take a long time to print a page; others can take surprisingly little time to print similar material. Once the printer has the data, it needs little time to put the image on paper.

Print quality is excellent whether using text, graphics or a combination. Built-in fonts (six portrait and three landscape) are crisp and sharp. I didn't have plug-in cartridges or Acer-supplied soft fonts to try, but fonts downloaded from applications programs looked as good as expected within limitations of the software involved.

An easily used utility accompanies the printer and can augment or override front-panel switches. Menu selections reset the printer and set page specifications, including paper size, lines per inch or page, margins, copies and landscape or portrait layouts. Other selections pick primary and secondary fonts from among built-in, cartridge or soft fonts and sample printouts can be generated.

More selections pick overlay forms. Four sample overlays are provided, but others can be designed. Creating a new overlay with Acer's utility program is not easy or well documented, but the results can be overlayed on whatever data are output by other applications. So a word processor or database manager could generate filled out business forms.

The only paper jams I had were caused by such operator errors as switching off power before a sheet had printed. Even the worst of those were easy to clear, and no jams occurred during normal operation. For a brief time, I saw a dime-sized blank area on printouts, but some routine internal cleaning took care of that.

Heavily textured papers such as Classic Laid Bond don't print well, but copying machines can't do any better. For day-to-day printing, I settled on Xerox 4024 copier paper, which I could buy cheaply at any stationery store. Non-glossy plotter paper seemed best for offset printing masters, giving spectacular near-typeset quality printouts.

I haven't had to replace the toner cartridge, but I had trouble getting Acer Technologies to confirm that the LP-75 accepts any cartridges other than theirs. Customer service eventually admitted it can use a standard Ricoh cartridge for a "motor 1060," and the cartridge looks like what catalogs show for Ricoh 6000 and compatible printers.

Given multiple sources for consumable cartridges, the LP-75 is an excellent printer choice. With its features, solid construction, reliability and field service available through TRW, it should be considered a serious contender if you're shopping for a high-performance laser printer.

Editor's note: In July 1988, Online Today *was informed that a new Acer LP-76 laser printer was introduced. At a base price of $1,995, it is equipped with 512K of printer memory, expandable to 4.5MB. It also may be upgraded to PostScript compatiblity using a PC-resident plug-in card. Although the LP-75 remains available, it eventually may be replaced by the LP-76.*

Ernest E. Mau, a full-time, free-lance writer and Online Today *reviews editor, is based in Aurora, Colo. He is the author of several books and nearly 300 articles on microcomputer products and applications.*

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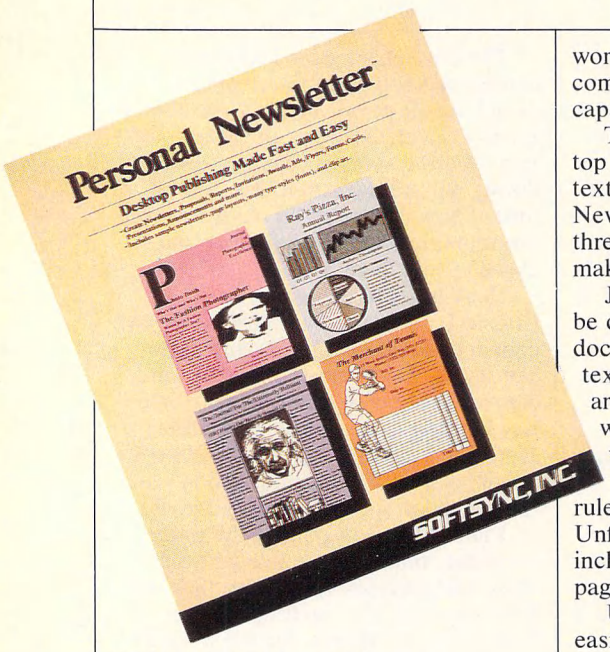

Polished publishing: *Softsync*

Personal Newsletter

Does Desktop Publishing on Apples

Softsync
162 Madison Ave.
New York, NY 10016
212/685-2080

Computers: Apple IIe, IIc, IIgs (in Apple II mode); also available for IBM-compatible and Commodore 64/128 computers.
Operating Systems: ProDOS 16 for Apple version.
Media: Supplied on three 5.25-inch diskettes; available on 3.5-inch diskettes.
Copy Protection: None.
Required Peripherals: Monitor (TV set not recommended).
Other Requirements: Enhanced ROM for Apple IIe.
Optional Items: Printer is strongly recommended (more than 25 printers are supported, including Apple ImageWriter).
Optional Items: None.
System used for test: 512K Apple IIgs with one 5.25-inch diskette drive, one 3.5-inch diskette drive and Apple Imagewriter printer on Appletalk network.
List Price: $59.95

Reviewed by Brian D. Monahan

Many users who have mastered word processing are anxious to take the next step to desktop publishing. Personal Newsletter is an inexpensive, easily used publishing system that works well with later-model Apple II computers and takes advantage of some capabilities of the Apple IIgs.

The principal components to a desktop publishing system are page layout, text-handling and graphics. Personal Newsletter is more than adequate in all three areas, and its menu driven format makes it easy to use.

Just as a computer program should be designed before it is written, a good document should be designed before text and graphics are entered. Layouts are created in Personal Newsletter with the Windows option. A small version of the current page appears in the center of the screen with rulers on the side and top of the page. Unfortunately, the rulers are only in inches and not centimeters. The whole page becomes Window 0.

Up to nine other windows can be easily added on a page. After having chosen to "add a window," a small window appears in the upper-left corner. This window can be moved to any place on the page with cursor keys. The window also can be stretched with cursor keys. When it is the correct size, lock it in place by pressing the Return key or by clicking the mouse. Windows are assigned numbers as they are created and later can be selected by number to change a shape or add information. Each window can have one of up to eight borders that can appear on all or just a few sides.

Entering text into Personal Newsletter is simple. Text can be entered into any window. The editor includes word wrapping and other basic editing functions, and text can be made to flow into the next column if it exceeds an earlier column.

Text styles can be changed to include underlining, italics and other attributes. The ability to change fonts, a key to today's word processing or desktop publishing systems, is easy with Personal Newsletter. From the file menu, simply choose "Get Font," and you will be asked to name the font wanted. At that point, it is possible to get a list of the six available fonts. Personal Newsletter font names are not household words. For example, "Times" does not appear, but the fonts do present an adequate range for most applications.

Most users will not want to do text editing within a desktop publishing system. Personal Newsletter provides a mechanism for importing ASCII files, so files can be brought in from any word processing program that produces ASCII files. Most can be, but, unfortunately, Personal Newsletter won't import text from word processors directly, so you can expect to lose some formatting already done with the word processor.

Graphics usually are the most exciting component of a desktop publishing system. With Personal Newsletter, you can import predrawn pictures from other programs or the Clip Art disk that comes with Personal Newsletter. Or you can create original artwork. The Clip Art disk includes more than 200 pictures in various categories, and additional disks are available for purchase.

Both Print Shop and Newsroom files can be imported, but doing so often requires converting files from Apple-DOS 3.3 to ProDOS. If a large graphic is imported, it is cropped to the size of the window into which it is imported. You also can import any standard graphics screen that has been captured by a video camera and digitized onto a computer disk.

Capabilities for creating your own graphics are quite sophisticated. You can draw lines, arcs, ovals and other figures; set your brush size; and edit graphics once they have been created. The editing functions include the ability to fill and invert objects.

Headlines for Personal Newsletter documents are done as graphics. The user has some control over the appearance of these headlines but not over the size.

Printing also is easy to accomplish from the menu, and the results are more than adequate. Used with an ImageWriter, printouts had clear text and graphics that were not at all "ragged."

This full-featured program should more than satisfy the needs of schools, fraternal groups, civic organizations and individuals who wish to produce documents that go beyond the capabilities of their word processors.

Finally, Personal Newsletter seems reasonably fast. There is a significant delay as pages "recreate" themselves, but the speed of the program compares favorably with other desktop publishing systems. Overall, price and ease-of-use make Personal Newsletter a good choice for homes and small offices that will be producing short documents of just a few pages at a time.

Brian D. Monahan is associate vice president of Iona College in New Rochelle, N.Y., where he also teaches computer science courses. His CompuServe User ID number is 70007,3000.

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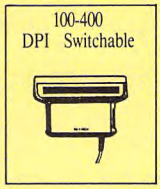

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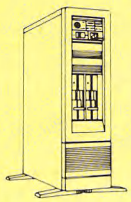

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BeckerBASIC:

More Than a Programming Language

Abacus Software
5370 52nd St. SE
Grand Rapids, MI 49508
616/698-0330

Computers: Commodore 64, 64C, 128 and 128D.
Operating System: Berkeley Softworks' Graphic Environment Operating System (GEOS).
Media: Requires one Commodore-compatible 5.25-inch diskette drive.
Copy Protection: Standard version is copy protected; unprotected version available for additional $10.
Required Peripherals: Monitor; printer for output; mouse or joystick for input.
Other Requirements: None.
Optional Items: Second disk drive.
System used for test: Commodore 64 with Commodore 1571 diskette drive, Commodore 2002 monitor, Progressive Peripherals & Software Device One printer interface, Epson RX-80 printer and Wico Command Control Joystick.
Retail Price: $49.95

Reviewed by Cheryl Peterson

Until recently, writing programs to run under the Graphic Environment Operating System (GEOS) has been difficult. The icon-oriented operating system made performing many Commodore 64 tasks easier, but no one was publishing GEOS applications except its parent company, Berkeley Softworks. Although normal BASIC programs could be activated from inside GEOS, they didn't run under it, so the desk accessories weren't usable. Instead, GEOS closed down, and a normal BASIC RUN command would be used to start the application. GEOS then had to be rebooted after the application completed.

BeckerBASIC runs under GEOS and lets a programmer write GEOS applications, and a converter included in the package converts BASIC programs for use with GEOS. The conversion includes compiling code and assigning an icon. To run BeckerBASIC programs, its run-only system must be on the diskette with the program. Abacus allows unlimited distribution of the run-only system by those who market programs they create.

The package uses three modules to allow maximum programming space. If more space is needed, BeckerBASIC supports program overlays. Programs are keyed into the input system and then debugged using the testing system. After all errors are corrected and the program is in final form, it is put through the converter to make a GEOS application. Because a fast loader is used, going between BeckerBASIC modules takes less than 15 seconds.

Available commands include many extended BASIC commands typically found in Pascal languages, including procedure, case, loop, while/do and repeat/until. These commands require structured programming. Disk handling is much easier using BeckerBASIC's commands, and record and user handling commands make it even more flexible by using GEOS disk operations instead of normal BASIC operations.

Deek and Doke commands are particularly interesting and replace the old Peek and Poke commands. Instead of reading or writing a memory location, they manipulate two adjacent memory locations. Since most direct memory chores require using high and low bytes, this simplifies operations. A Teek command can determine whether a memory location is in RAM, ROM or the character generator.

Other commands allow easy manipulation of sprites, graphics and sound. The high resolution mode used by GEOS is fully supported.

Getting readable messages from a program through the screen display takes an extra step because GEOS uses standard ASCII for internal communications rather than Commodore PETASCII. But BeckerBASIC commands help get around this.

BeckerBASIC includes two especially useful tools for creating drop-down menus and dialogue boxes, which are saved to disk in a form that makes it easy to integrate the creations into a program.

The manual is good. It presents command explanations and recommendations on how to accomplish certain tasks. The index is well organized, and appendixes enumerate commands available in each module and error messages that may be encountered. One appendix details the memory map that exists while BeckerBASIC is running under GEOS. Another states conditions for distributing the run-only system. Another explains how commands can be added to BeckerBASIC using machine language.

Sample programs are included in the manual and on the BeckerBASIC diskette, showing how to use the specialized commands offered by BeckerBASIC. Many extended commands are similar to those Commodore 128 users are already familiar with from using its advanced BASIC.

As a development system, BeckerBASIC looks like it offers many commands and functions programmers would want. The graphics and sound commands should ease the job of creating games or education programs, and the tools for creating and using pull-down menus and dialogue boxes are great.

BeckerBASIC will be particularly useful to experienced programmers. Those accustomed to structured programming will be slightly better off because many extended commands require modular programming to be effective.

BeckerBASIC is a good value, and I recommend it. However, anyone seriously considering this package should add $10 to the $49.95 base price to get a diskette without copy protection. Currently, the only alternative higher-level language for GEOS is Berkeley Softworks' own geoProgrammer. Since Berkeley Softworks puts copy protection on their operating system, it's logical to assume that geoProgrammer is protected too. Whichever you buy, copy protection is likely to influence your purchase.

Cheryl Peterson, a free-lance writer from Miami Beach, writes reviews for several computer magazines. Her CompuServe User ID number is 72366.2645.

Go Online For More Software Reviews

The following software reviews are available on *Online Today Daily Edition* (GO OLT-230). Many daily-edition software reviews are supplemented with GIF graphics in Library 6 of the *Online Today* Readers' Forum (GO OLTFORUM).

AppleWorks 2.0 Integrated Software
Manufacturer: *Claris Corp.*
Computers: *Apple IIe, IIc and IIgs.*

BusinessWorks Accounting Software
Manufacturer: *Manzanita Software Systems*
Computers: *Apple IIe, IIc and IIgs.*

WordPerfect for the Apple IIgs
Manufacturer: *WordPerfect Corp.*
Computer: *Apple IIgs.*

SuperExpert
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Manufacturer: *Softsync Inc.*
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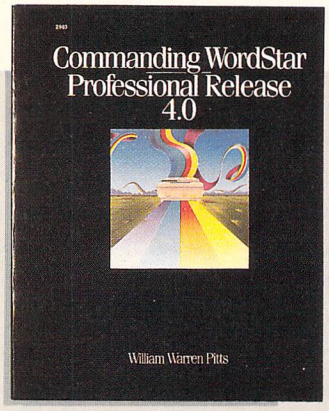
Online Book Reviews

Following are summaries of book reviews available for reading this month in *Online Today Daily Edition*. To read the complete reviews, type GO OLT-240 at any CompuServe Information Service prompt.

The Complete Electronic Bulletin Board Starter Kit

By Charles Bowen and David Peyton
Bantam Books, 1988
436 pages, $39.95 (softcover)

Written for those who intend to set up an electronic bulletin board system as well as those who simply want to learn more about how such systems operate, this book is packed with information. Reviewer Paul A. Gilster says there is no more competent or honest introduction to individualized electronic communications. *GO 5400*



dBase III Plus Multiuser Applications

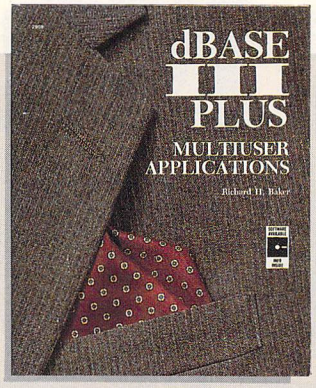
By Richard H. Baker
TAB Books, 1988
453 pages, $19.95 (softcover)

While this book contains much valuable information on such topics as network programming techniques and database protection, reviewer Harry Green says the text is "like a huge sandwich that is mostly filler and no meat," with source code listings making up the bulk of the book. *GO 5410*

The MS-DOS Encyclopedia: The Standard Reference for Every Serious Programmer

Ray Duncan, General Editor
Microsoft Press, 1988
1,570 pages, $134.95 (hardcover)

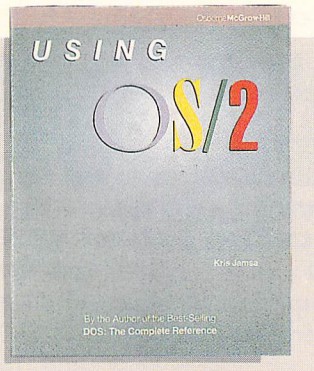
Calling this book the most comprehensive work available on MS-DOS, reviewer Franklyn Jones adds that no serious programmer will want to be without it. Those with a technical bent will find that this book reads like a fine novel. *GO 5420*



Commanding WordStar Professional Release 4.0

By William Warren Pitts
TAB Books, 1988
293 pages, $16

Reviewer Darrow Kirkpatrick says this is a wide-ranging manual for new, professional and advanced users of WordStar. The book gives an excellent introduction to word processing in general and to WordStar in particular, and covers advanced features such as merge printing and using the program with other DOS software. *GO 5440*



Using OS/2

By Kris Jamsa
Osborne/McGraw-Hill, 1988
758 pages, $19.95 (softcover)

OS/2 users with any level of experience will want this solid, comprehensive reference on their bookshelves, says reviewer Robert Sanchez. Plentiful figures and illustrations help make the text clear. *GO 5450*

Running MS-DOS, Third Edition

By Van Wolverton
Microsoft Press, 1988
496 pages, $22.95 (softcover)

Running MS-DOS is an excellent book that can help its readers to not only understand DOS more fully but also to use it more productively, says reviewer William J. Lynott. The text is organized by specific tasks rather than by the technical structure of the DOS program, making it an ideal reference source. *GO 5430*

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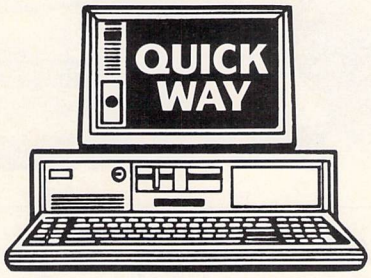

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Smartmodem 9600 New from Hayes

Hayes Microcomputer Products has introduced Smartmodem 9600, a CCITT V.32 compatible modem for Data Communications Network applications.

The modem is designed for mainframe and local area network environments that require high-speed, full-duplex communications for transferring large volumes of data. It features full-duplex, synchronous/asynchronous, 9600-baud and 4800-baud eased line and dial-up communications capability. Forward error-correction and advanced echo cancellation techniques also are offered. The retail price is $1,999.

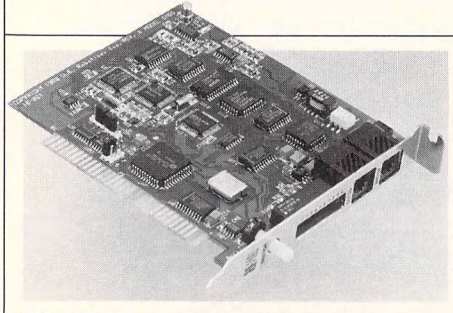
For information, contact Hayes Microcomputer Products Inc., P.O. Box 105203, Atlanta, GA 30348; 404/449-8791.

Security Modem

The 424 Line Backer from Western DataCom is a 2400-baud security modem that features MNP error control.

The non-volatile memory allows user configuration as either a two-wire dial-up modem with call-back security or a 2/4-wire leased line modem with two-wire dial back-up. When configured for call-back security, the 424 Line Backer will challenge all dial-up entries for a user phone number. Upon reception of a valid number, the user will be instructed to hang up and wait for call back. Simple password protection can also be supported. The retail price is $795.

For information, contact Western DataCom, P.O. Box 45113, Cleveland, OH 44145; 800/262-3311 (nationwide) or 216/835-1510 (in Ohio).



Half-Card PC Modem

The Courier 2400-baud/PC modem from USRobotics is a 2400 half-card, PC-internal unit that uses MNP Class 5 data compression and error control to deliver letter-perfect, 4800-baud performance over dial-up, voice-grade phone lines.

Designed to fit any expansion slot, including short slots, of the IBM PC, PC-XT, PC-AT, PS/2 and compatible computers, the Courier 2400/PC is available with or without HyperACCESS data communications software. Features include auto-answer, auto-dial and industry-standard AT modem command set. The retail price is $549 for the modem and $649 for the modem/software combination.

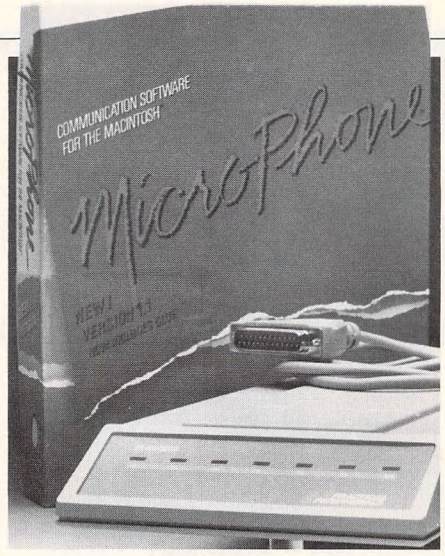
For information, contact USRobotics Inc., 8100 N. McCormick Blvd., Skokie, IL 60076; 312/982-5010.

AdaptModem Communications Board

Network Software Associates has introduced the AdaptModem V.22bis, a synchronous/asynchronous communications board for the IBM PC, PC-XT, PC-AT, PS/2 and compatible computers.

AdaptModem provides a single-board connectivity solution by integrating the functionality of three separate communications boards. It supports PC-to-PC, PC-to-mini and PC-to-mainframe communications using the international CCITT V.22 standard. The unit combines a synchronous modem, asynchronous modem and a multiprotocol Synchronous Data Link Control adapter, which supports System Network Architecture protocols. The retail price is $575.

For information, contact Network Software Associates Inc., 22982 Mill Creek, Laguna Hills, CA 92653; 714/768-4013.



Macintosh Communications

The new Macintosh Communications Package from Practical Peripherals is a complete modem package for the Apple Macintosh computer.

Included is a Practical Peripherals PM2400SA stand-alone modem colored to match the Apple platinum color, two custom cables that plug between any Macintosh computer and Microphone communications package from Software Ventures. Free access time to CompuServe and Official Airline Guide is also offered. The retail price is $299.

For information, contact Practical Peripherals, 31245 La Baya Dr., Westlake Village, CA 91362; 818/706-0333.

Go Online For More Product Announcements

The following new product announcements are available this month in *Online Today Daily Edition* by typing GO OLT-250 at any CompuServe Information Service prompt.

Laptop Car Seat, *securely holds laptop computers in a usable position in a car, Zirco Inc.*

The Tax Estimator (version 2.1), *tax planning software, APT Software Corp.*

Deja Vu, *DOS pop-up program that allows the computer to act as a terminal on a multiuser system, James River Group Inc.*

OPTune, *"all-in-one" hard disk survival, repair and tune-up maintenance utility, Gazelle Systems.*

Point-and-Shoot PC FullBak, *hard-disk backup utility, Westlake Data Corp.*

Powersystem II, *motherboard replacement for the IBM PC and PC-XT that increases speed and enhances memory, Powerboard Inc.*

PC Tools Deluxe, *DOS utilities package for IBM PC family, PS/2 and compatibles, Central Point Software.*

Proteus-386/25GT, *80386-based computer system, Proteus Technology Corp.*

Click & Clip 500, *library of more than 500 illustrations on 15-800K disks for the Apple Macintosh, Studio Advertising Art.*

Expert Thinker, *microcomputer expert system that is expert at reasoning, Transpower Corp.*

Lights! Camera! Action!, *desktop presentation product for the Commodore Amiga family of computers, Aegis Development Inc.*

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NEW! Lotto Picker™ Plus v2.0 stores winning Lotto & Pick 3/4 numbers & uses probability analysis in order to select what might be your million $$ ticket. Guaranteed to work for all lotteries worldwide. Not copy-protected. For IBM, 64k Apple II, & C64/128 **$34.95** (+4.55 sh). 3.5" add $10. **GE RIDGE**, 170 B'dway, #201OL, NYC 10038. **Orders 1-800-634-5463 ext. 293**. Info 718-317-1961.

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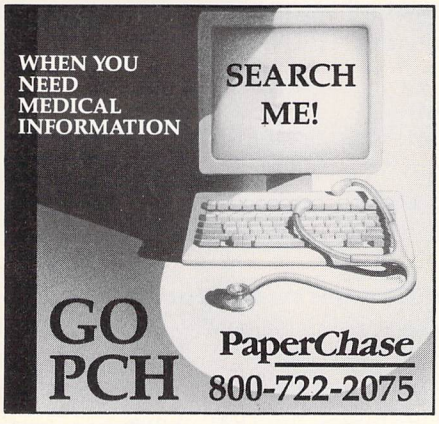

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Online Inquiry is *Online Today*'s electronic version of the traditional reader inquiry card. To request additional information about products or services described in *Online Today*, simply access CompuServe and type GO OLI at any prompt.

CompuServe Page OLI-1
ONLINE TODAY ADVERTISERS
ONLINE INQUIRY (OLI)
1. OLI Instructions
2. Online Today Display Ads
3. Print Edition Reviews
4. Shopper's Guide Mini-Ads

Display Ads

GO OLI-160. Inquiries to this section will be followed by a brief description of the *Online Today* ad. To request additional printed information, simply enter your name and address at the prompts. OLI will add your User ID number and electronically forward your request to the appropriate advertiser(s). The names, addresses and User ID numbers will also be forwarded via US Mail at the end of each month.

CompuServe Page OLI-160
ONLINE TODAY ADVERTISERS/OLI
1. Nov. 1988 Advertisers
2. Oct. 1988 Advertisers
3. Sept. 1988 Advertisers

Editorial Articles/Reviews

At the end of each electronic version product review, you'll be asked if you wish to request further information through the Online Inquiry system. A "yes" response will let the system prompt you for your name, address and other information so that your request can be forwarded to the appropriate company. If you respond "no," the system will return you to the previous menu.

To request information about products reviewed in the print edition, GO OLI-280 and select the appropriate listing, such as November Hardware Reviews. At the next menu, select the product you're interested in. If you answer "yes" at the question prompt, the OLI system will prompt you for the necessary information.

Requests to these sections will be stored and forwarded by traditional mail once each month.

CompuServe Page OLI-280
REVIEW LISTINGS/PRINT EDITION
1. Nov. Hardware Listings
2. Nov. Software Listings
3. Nov. New Product Listings

Shopper's Guide

GO OLI-70 to get information about *Online Today*'s mini-ad program.

To request information from Shopper's Guide advertisers, follow the instructions outlined in each ad.

CompuServe Page OLI-70
SHOPPER'S GUIDE
1. About Shopper's Guide
2. Rates and Information

***Note:** Additional requests during the same session will not require you to re-enter your name and address.

UPDATE

Send Fax Messages Via EasyPlex

EasyPlex offers the ability to send electronic messages to more than 4 million facsimile machines worldwide. Type HELP FAX for instructions. GO EASYPLEX

View Checkfree Transfer Amounts

Current Checkfree transfer amounts can be viewed online free of connect-time charges. Checkfree payment notices will no longer be mailed. GO CHECKFREE

Presidential Election Covered Online

CompuServe's Election '88 database features campaign news before and after the 1988 presidential election. Get updates used by the media, the White House, campaign staffs and political action groups with six Campaign Hotline (GO HOTLINE) features: National Briefing, Campaign Reports, Poll Update, Insider Commentary, Campaign Schedules and Senate Race Briefings.

CompuServe members can express opinions on issues in the biweekly Election '88 Opinion Poll. Results of earlier questions are available. Election '88 also features AP Election News and CANDIDATEgrams. Campaign Hotline and AP Election News have a $15-per-hour surcharge. GO USA

OAG Lowers Rates and Adds Value

The Official Airline Guide Electronic Edition has lowered its prime surcharge from $32 to $28 per hour and its standard surcharge from $21 to $10 per hour. In addition, OAG has added four information databases: the Frequent Flyer/Frequent Lodger Award Program; Travel News; Tours, Cruises and Discount Travel Packages; and Country and Travelers' Information. GO OAG

Three IBM Forums Created from IBM Software Forum

Three IBM forums have been created from the IBM Software Forum, which is no longer available online. The IBM Applications Forum (GO IBMAPP), IBM Programming Forum (GO IBMPRO) and IBM Systems and Utilities Forum (GO IBMSYS) provide improved message and library capacities, better service, and additional support and software for IBM users.

Organizations Join Outdoor Forum

Nationally recognized conservation organizations and their members are participating in the Outdoor Forum. The organizations include the National Audubon Society, one of the nation's oldest and largest conservation organizations; Trout Unlimited, an international conservation organization dedicated to the protection of clean water and the enhancement of trout and salmon fishery resources; the Sport Fishing Institute; Federation of Fly Fishers; and the National Wildlife Federation. GO OUTDOORS

New Section Opens in HamNet

HamNet, CompuServe's Amateur Radio and Monitoring Forum, has introduced a section dedicated to the interests of radio scanner enthusiasts. The Section 2 message board and library feature discussions on receiver recommendations and monitoring techniques. GO HAMNET

Shop for Cars in The Electronic Mall's Auto Department

Buick Magazine (GO BU) and Ford Motor Company (GO FMC) have updated their stores in The Electronic Mall® to include 1989 models. Learn more about these 1989 cars by browsing online and ordering free brochures. Software, sportswear and dealer-locater programs are also available.

AutoVision (GO AV) enables you to buy or lease a hard-to-find car online. Use the EasyQuote and EasyOrder programs for fast service. All connect time in AutoVision is free on Saturday, Nov. 12, and Sunday, Nov. 13.

Russian Uploads in Foreign Language Education Forum

The Foreign Language Education Forum is uploading biweekly Russian listening comprehension exercise worksheets keyed to biweekly television newscasts of the Soviet evening news show, VREMYA. Read LCINTR in Library 5. GO FLEFO

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Compatible

The SupraModem 2400 is 100% compatible with industry-standard, intelligent "**AT**" commands and all commonly used protocols (including Bell 103/212A, CCITT v.22, and CCITT v.22bis). Since the SupraModem operates asynchronously at **300**, **600**, **1200**, and **2400** baud, you can communicate at whatever rate you need to. All these features let you use the SupraModem 2400 to connect with most modems being used today.

Affordable

In addition to its low price, the SupraModem 2400 will save you money by letting you communicate at 2400 baud, thus decreasing your on-line time. The SupraModem 2400 incorporates the advanced Intel 89024MS chip set. This design utilizes fewer parts, assuring operation long after the one-year warranty period.

Easy to Use

The SupraModem 2400 is very easy to use. It features autoanswer and autodial (tone and pulse) for performing phone tasks, and it has a programmable-volume speaker for monitoring call progress. Storing phone numbers and user configurations is also simple because of the modem's programmable nonvolatile memory.

These features and others are explained thoroughly in the comprehensive *SupraModem 2400 Operator's Manual*. Once you understand the basics, the modem's quick-reference card makes finding command descriptions and other modem information quick and simple.

And to make it even easier to begin telecomputing, the SupraModem 2400 comes with introductory packages for several popular on-line services.

Packages available for specific computers!
Packages for Amiga, Apple, Atari, Commodore, and Macintosh computers combine the standard SupraModem 2400 package with communications software and an RS-232 cable for connecting the modem to your computer. $219.95–$239.95 retail.

GO OLI for more information.

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